

Testing SEG bibliography from 31001 to 32001

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References

- Aarre, V., and Knoth, O., 2002, Borehole-calibrated processing of a 2D/4C line over the Eldfisk field *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1057–1060.
- Abaco, C., Lawton, D., and Spratt, D., 2002, Analysis of high resolution aeromagnetic anomalies from the south-central Alberta Foothills, Canada *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 779–782.
- Abdel-Fattah, T., Farag, M., and El-Fiky, A., 2002, Geophysical investigations in study groundwater in the northwestern coastal zone, Egypt *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1448–1451.
- Abe, S., and Brown, L., 2002, CCP stacking and migration of teleseismic P-SV converted wave *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1061–1064.
- Abma, R., 2002, Time corrections for high-velocity near-surface layers *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2039–2042.
- Abma, R., McLain, B., Michell, S., Kabir, M., Matson, K., and Shaw, S., 2002, Comparisons of adaptive subtraction techniques for multiple attenuation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2186–2189.
- Adam, E., Arnold, G., Maillard, B., and Bonenfant, A., 2002, Petrophysical study of the Bell Allard deposit alteration pipe, Matagami, Quebec *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1105–1108.
- Adriansyah, A., and McMechan, G. A., 2002, Analysis and interpretation of seismic data from thin reservoirs: Northwest Java Basin, Indonesia: *Geophysics*, **67**, 14–26.
- Aguilera, R., and Pacheco, C., 2002, 3D raytrace modeling of diapiric structures at the Maturin Sub-basin, Venezuela *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2003–2006.
- Al-Dossary, S., Marfurt, K., and Luo, Y., 2002, 3D edge preserving smoothing for seismic edge detection *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 524–527.

- Al-Mazroey, M., 2002a, Identifying nonlinear time-lapse wavefield perturbations using predictability and spectral coherency *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1658–1661.
- , 2002b, Identifying production zones using time-lapse coherency *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1688–1691.
- Al-Naamani, A., and MacBeth, C., 2002, Joint interpretation of the time-lapse PP and PS response of a thin-bed reservoir *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1692–1695.
- Al-Saleh, S., 2002, Application of prestack plane wave Kirchhoff depth migration of OBC data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1089–1092.
- Ala'i, R., Verschuur, D., Drummond, J., Morris, S., and Haughey, G., 2002, Shallow water multiple prediction and attenuation, case study on data from the Arabian Gulf *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2229–2232.
- Albertin, U., Watts, D., Chang, W., Kapoor, J., Kitchenside, P., Yingst, D., and Stork, C., 2002a, Near-salt-flank imaging with Kirchhoff and wavefield-extrapolation migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1328–1331.
- Albertin, U., Yingst, D., Jaramillo, H., Wiggins, W., Chapman, C., and Nichols, D., 2002b, Towards a hybrid raytrace-based beam/wavefield-extrapolated beam migration algorithm *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1344–1347.
- Alde, D., Fehler, M., Hildebrand, S., Huang, L., and Sun, H., 2002, Determining the optimally smoothed slowness model for ray-tracing based migration using multiple-valued traveltimes tables *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1168–1171.
- Aldridge, D., and Symons, N., 2002, Finite integro-difference algorithm for 3D anacoustic wave propagation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1911–1914.
- Alerini, M., Baina, R., Begat, S. L., and Lambare, G., 2002, 2D PP- and PS-stereotomography for a multicomponent data set *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 838–841.
- Allsopp, C., Stevens, R., and Walter, S., 2002, Comparison of airborne and marine magnetic data in Donegal Basin, Ireland: *The Leading Edge*, **21**, 652–654.
- Ambrose, W., Jackson, J., Miranda, L., Aguilera, L., and Fouad, K., 2002, Seismic imaging of upper Miocene fluvial reservoirs in the southern Macuspana Basin, southeastern Mexico *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 573–576.
- Aminzadeh, F., 2002, President's Page: *The Leading Edge*, **21**, 822.
- Aminzadeh, F., Connolly, D., Heggland, R., Meldahl, P., and Groot, P. D., 2002, Geohazard detection and other applications of chimney cubes: *The Leading Edge*, **21**, 681–685.

- Anderson, B., Weber, M., and Lyman, G., 2002, Using Gravity and Magnetism to Enhance Seismic Velocity Models - Case Study from Offshore Brazil *in* 64th Mtg. Eur. Assn. Geosci. Eng., P117.
- Angerer, E., Horne, S., Gaiser, J., Walters, R., Bagala, S., and Vetri, L., 2002a, Characterization of dipping fractures using PS mode-converted data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1010–1013.
- Angerer, E., Horne, S., Gaiser, J., Walters, R., and Vetri, L., 2002b, Azimuthal Analysis of Shear-wave Splitting for the Characterization of Dipping Cracks *in* 64th Mtg. Eur. Assn. Geosci. Eng., P256.
- Anissimov, L., 2002, Reduced Sulfur Species in the Alpine Zone of Europe - Lithostratigraphic and Structural Control *in* 64th Mtg. Eur. Assn. Geosci. Eng., P305.
- Antonelli, M., Ghadhab, F., Miranda, F., Rinaudo, M., Ruvo, L., and Sabri, N., 2002, Integrated Crosswell Seismic - Advanced Technology to Improve Reservoir Description in the El Borma WAG Project *in* 64th Mtg. Eur. Assn. Geosci. Eng., P145.
- Aquino, A., Anguiano-Rojas, P., and Spurlin, J., 2002, Old Electric (ES) Logs in Transverse Isotropic Media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 388–391.
- Arntsen, B., and Rosten, T., 2002, Wave equation versus Kirchhoff prestack depth migration of OBC data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1248–1251.
- Asanuma, H., Niitsuma, H., and Kizaki, T., 2002, Analysis of seismic waves propagated through a pressurized fracture by the 3D-TFC method *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2385–2388.
- Ashida, Y., Matsuoka, T., Watanabe, T., and Kusumi, H., 2002, Seismic imaging ahead of tunnel face with three component geophones *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1622–1625.
- Assefa, S., McCann, C., and Sothcott, J., 2003, Velocities of compressional and shear waves in limestones: *Geophys. Prosp.*, **51**, 1–13.
- Asten, M., 2002, Current channeling in borehole EM methods for weak conductors *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 665–668.
- Audebert, F., Froidevaux, P., Rakotoarisoa, H., and Svay-Lucas, J., 2002, Insights into migration in the angle domain *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1188–1191.
- van der Baan, M., and Kendall, J.-M., 2003, Traveltime and conversion-point computations and parameter estimation in layered, anisotropic media by $[\tau]$ -p transform: *Geophysics*, **68**, 210–224.
- van der Baan, M., Kendall, J.-M., and Smit, D., 2002, Traveltimes, Conversion Points and Parameter Estimation in HTI Media *in* 64th Mtg. Eur. Assn. Geosci. Eng., P136.

- Babkin, A., Sanfirov, I., and Lisin, V., 2002, Multicomponent Subsurface Seismic for the Evaluation of Salt Petrophysics *in* 64th Mtg. Eur. Assn. Geosci. Eng., P288.
- Babu, H. V. R., 2003, Relationship of gravity, magnetic, and self-potential anomalies and their application to mineral exploration: *Geophysics*, **68**, 181–184.
- Bachrach, R., and Freeman, E., 2002, Using small-scale 2D and 3D pilot surveys to evaluate the seismic response and image unsaturated sedimentary units at depths of 80m and 20m at the Hanford site *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1504–1507.
- Bachrach, R., and Mukerji, T., 2002, Some formal aspects and examples of 3D near surface imaging with dense receiver array as an approximate acoustical lens *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1508–1511.
- Baillie, P., Shaw, R., Liyanaarachchi, D., and Jayaratne, M., 2002, Deep Water Petroleum System in the Mannar Basin, Offshore Sri Lanka *in* 64th Mtg. Eur. Assn. Geosci. Eng., P206.
- Baker, G., and Pyke, K., 2002, Visualization of actively developing glaciogenic sedimentary structures using GPR *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1492–1495.
- Baker, G. S., Strasser, J. C., Evenson, E., Lawson, D. E., Pyke, K., and Bigl, R., 2003, Near-surface seismic reflection profiling of the Matanuska Glacier, Alaska: *Geophysics*, **68**, 147–156.
- Balanyuk, I., Dmitrievsky, A., Lodgevskaya, M., and Poveschenko, Y., 2002, Fluid Dynamics in Large Faults of the Giant Astrakhan Gas Condensate Deposit *in* 64th Mtg. Eur. Assn. Geosci. Eng., P297.
- Balch, S., Boyko, W., Black, G., and Pedersen, R., 2002, Mineral exploration with the AeroTEM system *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 9–12.
- Bale, R., and Stewart, R., 2002, The impact of attenuation on the resolution of multi-component seismic data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1034–1037.
- Bancroft, J., 2002, A theoretical and visual description of the relationship between Kirchhoff migration and seismic inversion *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2154–2157.
- Bano, M., Edel, J.-B., Herquel, G., and class 2001-2002, E., 2002, Geophysical investigation of a recent shallow fault: The Leading Edge, **21**, 648–650.
- Bansal, R., Daley, T., and Imhof, M., 2002, Seismic charecterization of fractures in a naturally fractured gas reservoir *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2233–2236.
- Bardan, V., 2002, On 3D seismic data acquisition with hexagonal binning *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1392–1395.

- Baric, G., and Cota, L., 2002, Occurrence of Natural Gas in the Southern, Marginal Part of the Pannonian Basin, Croatia *in* 64th Mtg. Eur. Assn. Geosci. Eng., P124.
- Barnes, A., 2002a, Investigation of methods for unsupervised classification of seismic data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2221–2224.
- , 2002b, Shaded relief seismic attribute *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2150–2153.
- Barnes, A., and Laughlin, K., 2002, Comparison of Methods for Unsupervised Classification of Seismic Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., P222.
- Barnola, A., and White, R., 2002, Prediction of P-wave and S-wave Impedances by Coherence Matching *in* 64th Mtg. Eur. Assn. Geosci. Eng., P187.
- Barrett, A., and Bradshaw, M., 2002, Australia's offshore petroleum industry: What are the plays, where are we heading?: Preview, 35–39.
- Bartling, B., 2002, Business Bottom Line: The Leading Edge, **21**, 884–886.
- Beamish, D., 2003, Airborne EM footprints: Geophys. Prosp., **51**, 49–60.
- Beasley, C., 2002, President's Page: The Leading Edge, **21**, 724.
- Beccacini, A., Emsley, S., Cosma, C., Enescu, N., and Shiner, P., 2002, Fractured Reservoirs - Using VSPs to Bridge the Scale Gap Between Image Logs and Seismic *in* 64th Mtg. Eur. Assn. Geosci. Eng., P296.
- Becquey, M., Bianchi, T., and Meunier, J., 2002, Pseudo-random coded simultaneous vibroseis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 77–80.
- Bednar, J., and Neale, G., 2002, Limited vs. full frequency wave equation imaging *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1204–1207.
- Bellefleur, G., Mueller, C., Snyder, D., and Matthews, L., 2002, Downhole seismic scattered and mode-converted waves from the Halfmile Lake massive sulfide orebody, New Brunswick *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1464–1467.
- Ben, A. D., Mallardi, A., Geletti, R., and Finetti, I., 2002, Chronostratigraphic Reconstruction in the Falkland Plateau - South Atlantic *in* 64th Mtg. Eur. Assn. Geosci. Eng., P203.
- Benabentos, M., Soldo, J. C., Sigismondi, M., and Mallick, S., 2002, Application of hybrid seismic inversion: A 3D case study from the Mar'a In's Oeste field, Santa Cruz, Argentina *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 564–567.
- Benavides, A., 2002, Geological noise and target signals in controlled source electromagnetic data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1598–1601.
- Bengert, B., 2002, Inco AEM digitizing: Breathing new life into old data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 508–511.

- Berge, T. B., Aminzadeh, F., Groot, P. D., and Oldenziel, T., 2002, Seismic inversion successfully predicts reservoir, porosity, and gas content in Ibhubesi Field, Orange Basin, South Africa: *The Leading Edge*, **21**, 338–348.
- Bergler, S., Mann, J., Hoecht, G., and Hubral, P., 2002, The finite-offset CRS stack: an alternative stacking tool for subsalt imaging *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2058–2061.
- Bernasconi, G., and Vassallo, M., 2002, Drilling vibrations modeling and drillstring imaging *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2401–2404.
- Bertrand, A., and MacBeth, C., 2002, Seawater velocity variations and their impact in permanent installations for reservoir monitoring *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1684–1687.
- Bertrand, C., Tonellot, T., and Fournier, F., 2002, Seismic facies analysis applied to P and S impedances from prestack inversion *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 217–220.
- Bertsch, J., 2001, Examining due diligence & liabilities - CAGC Symposium: Recorder, **26**, 57–59.
- Bespalov, A., 2002, FEMAX ? software for simulation of magnetic induction tools in vertical wells *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 708–711.
- Bevc, D., and Biondi, B., 2002, Which depth imaging method should we use? A roadmap in the maze of 3D depth imaging *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1236–1239.
- Bhattacharya, B., 2002, Audiomagnetotelluric (AMT) investigations for 2D electrical conductivity modeling over geothermal province of Bakreswar, Eastern India *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 488–491.
- Billings, S., 2002, A new methodology for Fourier processing of geophysical data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1452–1455.
- Biondi, B., and Shan, G., 2002, Prestack imaging of overturned reflections by reverse time migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1284–1287.
- Biondi, B., and Vlad, I., 2002, Amplitude preserving prestack imaging of irregularly sampled 3D data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2170–2173.
- Bitjukova, L., Scholger, R., and Birke, M., 2002, Magnetic Susceptibility as a Rapid Method of Estimation of Soils Pollution, Tallinn, Estonia *in* 64th Mtg. Eur. Assn. Geosci. Eng., P272.
- Blacquièrè, G., Romijn, R., and Volker, A., 2002, Subsalt illumination study using physically modeled data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 60–63.

- Blanch, J., Cheng, A., and Varsamis, G., 2002, A method to extract fast and slow shear wave velocities in an anisotropic formation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 352–355.
- Blecha, V., 2002, Corrections for time variations of gravity in microgravity surveys *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 770–773.
- Bohm, G., and Rossi, G., 2002, Tomography of converted waves for subhigh velocity layers targets using OBC data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 846–849.
- Bomasang, R., and Gochioco, L. M., 2002, Growth opportunities in the Philippine natural gas industry: The Leading Edge, **21**, 898–901.
- Borselen, R. V., 2002, Data-driven interbed multiple removal: Strategies and examples *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2106–2109.
- Bosch, M., Barton, P., and Singh, S., 2002, Geostatistical Tomography of Short and Long Offset Seismic Data from the NE Atlantic Margin *in* 64th Mtg. Eur. Assn. Geosci. Eng., P174.
- Boubaker, K. B., Aissaoui, S., Bedir, M., Sghira, A., and Tanfous, D., 2002, Petroleum Evaluation of Triassic and Jurassic Deep Objectives in Central Tunisia *in* 64th Mtg. Eur. Assn. Geosci. Eng., P306.
- Boulytchov, A., 2002, Seismic-electric benchmarking of caves and underground water horizons *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1594–1597.
- Braaksma, H., Kenter, J. A. M., Proust, J., Dijkmans, V., van Hoek, T., Mahieux, G., and Drijkoningen, G. G., 2003, Controls on acoustic properties of Upper Jurassic siliciclastic rocks (Boulonnais, northern France): Geophysics, **68**, 58–69.
- Brandsberg-Dahl, S., and Barkved, O., 2002, Anisotropic P-Wave Velocity Derived from Deviated Wells at the Valhall Field *in* 64th Mtg. Eur. Assn. Geosci. Eng., P135.
- Brandsberg-Dahl, S., de Hoop, M. V., and Ursin, B., 2003, Focusing in dip and AVA compensation on scattering-angle/azimuth common image gathers: Geophysics, **68**, 232–254.
- Bremner, D., Brooks, J., Thompson, P., and Tite, G., 2002, Enhanced signal-to-noise ratio and bandwidth through explosives design *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 64–66.
- Brittle, K., and Lines, L., 2001, Vibroseis deconvolution: An example from Pikes Peak, Saskatchewan: Recorder, **26**, 28–35.
- Broadhead, M., 2002, Method for uncertainty analysis with application to porosity prediction from seismic data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1793–1796.

- Brokesova, J., and Cerveny, V., 2002, Viscoelastic R/T Problem for Arbitrary Orientation of Propagation and Attenuation Vectors *in* 64th Mtg. Eur. Assn. Geosci. Eng., P243.
- Brown, G., Gasiorowski, T., Bloo, R., and Schmidt, E., 2002a, Anisotropic Multicomponent 3D Prestack Depth Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., P133.
- Brown, J., Klopping, F., Niebauer, T. M., Westrum, D. V., and Billson, R., 2002b, Preliminary absolute gravity survey results from water injection monitoring program at Prudhoe Bay *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 791–793.
- Brown, L., Davis, T., and Batzle, M., 2002c, Integration of rock physics, reservoir simulation, and time-lapse seismic data for reservoir characterization at Weyburn Field, Saskatchewan *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1708–1711.
- Brown, M., 2002, Least-squares joint imaging of primaries and multiples *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 890–893.
- Brown, R., Punuela, G., Hughes, R., Wiggins, M., Civan, F., and Torres, L., 2002d, Relating saturation and permeability to elastic properties of fractured rocks *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 113–116.
- Bruce, B., Borel, R., and Bowers, G., 2002, Well planning for SWF and overpressures at the Kestrel well: The Leading Edge, **21**, 669–671.
- Bube, K., Langan, R., and Nemeth, T., 2002, On the velocity vs. depth ambiguity in limited-aperture reflection tomography *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 834–837.
- Buckingham, A., Dentith, M., and List, R., 2002, Texture and Shape Measures for Content-Based Magnetic Image Retrieval *in* 64th Mtg. Eur. Assn. Geosci. Eng., P112.
- Buland, A., and Omre, H., 2003, Bayesian linearized AVO inversion: Geophysics, **68**, 185–198.
- Bulant, P., 2002, Smoothing SEG/EAGE Salt Model for ray tracing using Sobolev scalar products *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1971–1974.
- Butler, D., 2002, A dream of flight: The triumph of ingenuity and persistence and the scientific method: The Leading Edge, **21**, 656–658.
- Butler, K., Kopic, A., and Rosid, M., 2002, An experimental seismoelectric survey for groundwater exploration in the Australian Outback *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1484–1487.
- Byerly, S., Hauser, E., and Wolfe, P., 2002, Levee composition mapping using electrical resistivity *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1591–1593.

- Byun, J., Hatch, R., Zhang, Y., Zhou, J., Xu, Y., and Yu, G., 2002, Case studies of high resolution imaging of complex reservoirs using two-step migration: JiangHan Oilfield and ShengLi Oilfield in China *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2365–2368.
- Calderon-Macias, C., and Luke, B., 2002, Inversion of Rayleigh wave data for shallow profiles containing stiff layers *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1396–1399.
- Calvert, H., 2002, Capacitive-coupled resistivity survey of ice-bearing sediments, Mackenzie Delta, Canada *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 696–699.
- Cambois, G., 2002a, Cheaper, better, faster ... and safer: The Leading Edge, **21**, 624.
- , 2002b, Instrumentation or how many sows' ears does it take to make a silk purse?: The Leading Edge, **21**, 816–818.
- , 2002c, A new approach to the fluid factor leads to elastic inversion without shear log *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 221–224.
- Campbell, A., Gross, J., Walker, B., and Pressler, R., 2002a, Evaluation of a near-salt reservoir with an offset VSP, a case study in the Gulf of Mexico *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2353–2356.
- Campbell, S., Pramik, B., and Cafarelli, B., 2002b, Comparative ray-based illumination analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 41–44.
- Campman, X., and Herman, G., 2002, Short wavelength-statics using a 3-D imaging approach *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2043–2046.
- Canadas, G., 2002, A mathematical framework for blind deconvolution inverse problems *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2202–2205.
- Candansayar, M. E., 2002, Two-dimensional inversion of magnetotelluric data with CG and SVD: a comparisonal study of different stabilizers *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 669–672.
- Canning, A., and Malkin, A., 2002, Classification of AVO data using 'Angle plot' crossplots *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 209–212.
- Carbon, J., Benkovics, L., Rios, A. D. L., Diaz, J., Pena, A., and Sarzalejo, S., 2002, The Roll of Stratigraphy and Tectonics on Reservoir Prediction in Eastern Maracaibo Basin *in* 64th Mtg. Eur. Assn. Geosci. Eng., P201.
- Cardarelli, E., Bernabini, M., and Tommasi, P., 2002a, P+and+S+waves+cross-hole+surveysrmations *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1468–1471.

- Cardarelli, E., Godio, A., Morelli, G., Sambuelli, L., Santarato, G., and Socco, L. V., 2002b, Integrated geophysical surveys to investigate the Scarsella vault of St. John's Baptistery in Florence: The Leading Edge, **21**, 467–470.
- Cardona, R., 2002, Two theories for fluid substitution in porous rocks with aligned cracks *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 173–176.
- Cardona, R., Ozkan, E., and Batzle, M., 2002, Pressure-transient experiments and the elastic characterization of fractures *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1846–1849.
- Carpenter, P. J., and Ahmed, S., 2002, Detecting preferential infiltration pathways in soils using geophysics: The Leading Edge, **21**, 471–473.
- Carrillat, A., Randen, T., Sonneland, L., and Elvebakk, G., 2002, Automated Mapping of Carbonate Mounds Using 3D Seismic Texture Attributes *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 552–555.
- Cary, P., 2002, Detecting false indications of shear-wave splitting *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1014–1017.
- Casey, C., 2002, State of the Net: The Leading Edge, **21**, 626.
- Causse, E., 2002a, Seismic Traveltime Approximations with High Accuracy at all Offsets *in* 64th Mtg. Eur. Assn. Geosci. Eng., P268.
- , 2002b, Seismic traveltime approximations with high accuracy at all offsets *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2325–2328.
- Causse, E., and Arntsen, B., 2002, Velocity analysis with a non-hyperbolic two-term traveltime approximation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2329–2332.
- Celis, V., and Larner, K., 2002, Selective-correlation velocity analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2289–2292.
- Chabot, L., Henley, D., Brown, R., and Bancroft, J., 2002, Single-well seismic imaging using full waveform sonic data: An update *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 368–371.
- Chaisomboonpan, V., Warren, J., and Ronghe, S., 2002, Seismic inverse modeling and integrated interpretation for imaging sand distribution, offshore Brunei Darussalam. *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1727–1730.
- Chalard, E., Podvin, P., Begat, S. L., Berthet, P., and David, B., 2002, 3D stereotomographic inversion on real data set *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 946–948.
- Chambers, R., Yarus, J., Alexeev, V., and Sudhakar, V., 2002, Quantitative use of seismic attributes for reservoir characterization: Recorder, **27**, 14–25.

- Chang, T., Kue, C., Canales, L., and Shih, C., 2002a, Forward modeling attribute analysis for AVO and prestack depth migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 48–51.
- Chang, T., N.C. L., Chandra, S., and Sathe, A., 2002b, AVO attributes of a bottom simulating reflector: east coast of India *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 300–303.
- Chapman, M., and Liu, E., 2002, Frequency dependent anisotropy with a multi-scale equant porosity model *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 197–200.
- Chen, B., Zhao, Z., Zhao, B., Zhu, G., and Qian, Z., 2002a, Tuning constrained first-arrival tomography *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 882–885.
- Chen, H., Castagna, J., Lamb, W., Siegfried, R., and White, L., 2002b, A case study of fluid modulus inversion for miocene sand stone reservoir, Gulf of Mexico *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1877–1880.
- Chen, J., Oldenburg, D., and Haber, E., 2002c, 3D inversion of magnetometric resistivity data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 633–636.
- Chen, L., Chen, Y., and Wu, R., 2002d, Target-oriented prestack beamlet migration using Gabor-Daubechies frames *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1356–1359.
- Chen, X., Wang, H., Chen, J., and Ma, Z., 2002e, Prestack depth migration by surface controlled illumination in a target-oriented way *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1180–1183.
- Chernyavskiy, A., and Zhdanov, M., 2002, Three-dimensional inversion of helicopter-borne electromagnetic data using the spectral Lanczos decomposition method *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 26–29.
- Chiao, L.-Y., and Liang, W.-T., 2003, Multiresolution parameterization for geophysical inverse problems: *Geophysics*, **68**, 199–209.
- Chironi, C., Morgan, J. V., and Warner, M., 2002, Two-Dimensional Full Wavefield Tomography of Synthetic Wide-Angle Seismic Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., P172.
- Chiu, S., and Stolt, R., 2002, Applications of 3D data mapping–Azimuth moveout and acquisition footprint reduction *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2134–2137.
- Cho, S.-J., Song, Y., Suh, J., and Chung, S.-H., 2002, 3D EM Modeling and Inversion with Green's Tensor Integration in Wavenumber Domain *in* 64th Mtg. Eur. Assn. Geosci. Eng., P191.
- Chopra, S., 2001, Integrating coherence cube imaging and seismic attributes: *Recorder*, **26**, 20–22.

- , 2002, Using inter-well chemical tracers and the coherence cube to understand reservoir communication *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2146–2149.
- Chopra, S., Blias, E., and Chavina, L., 2002a, High frequency restoration of surface seismic data: Recorder, **27**, 5–12.
- Chopra, S., Blias, E., Manerikar, A., Kryzan, A., Chavina, L., Alexeev, V., and Larsen, G., 2002b, Simultaneous acquisition of 3D surface seismic and 3D VSP data - processing and integration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2337–2340.
- Chopra, S., and Kuhn, O., 2001, Seismic inversion: Recorder, **26**, 10–14.
- Chopra, S., and Larsen, G., 2000, Acquisition footprint - Its detection and removal: Recorder, **25**, 16–20.
- Christensen, A., and Dransfield, M., 2002, Airborne vector magnetometry over banded iron-formations *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 13–16.
- Chung, C., Meng, Z., Wyatt, K., and Valasek, P., 2002, Tetrahedral-based 3D reflection tomography *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 858–861.
- Clapp, R., 2002, Effect of migration velocity uncertainty on amplitude information *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2086–2089.
- Clawson, S., Meng, H., Sonnenfeld, M., Uland, M., Batzle, M., Gardner, M., Uman, M., and Atan, S., 2002, The value of 3D seismic attributes for illuminating deep water deposits by seismic forward modeling of the Brushy Canyon formation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1801–1804.
- C.M, V., N.C, L., Chandra, S., and B.K, V., 2002, Tectonic influence on gas hydrate stability zone thickness: Seismic study from Indian offshore *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 581–584.
- Coburn, G., 2002, Seismic integration of a 3D density model, Green Canyon area, deepwater Gulf of Mexico; Pre-drill, post-drill analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 589–592.
- Cogbill, A., 2002, Gravity variations observed from a detailed gravity survey at the NTS cloud chamber *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 794–797.
- Cole, S., Lumley, D., Meadows, M., and Tura, A., 2002, Pressure and saturation inversion of 4D seismic data by rock physics forward modeling *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2475–2478.
- Coleou, T., Hoerber, H., and Lecerf, D., 2002, Multivariate geostatistical filtering of time-lapse seismic data for an improved 4D signature *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1662–1665.

- Coman, R., and Gajewski, D., 2002, 3D wavefront-oriented ray tracing: Estimation of traveltimes within cells *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1923–1926.
- Comas, X., and Slater, L., 2002, Low frequency electrical properties of organic sediments *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1456–1459.
- Cooper, N., and Cooper, M., 2001, 3D model evaluation by data simulation: Recorder, **26**, 36–38.
- Cope, G., 2000a, CSEG Scholarship Awards Program: Recorder, **25**, 12–16.
- , 2000b, Moving up the processing ladder: Recorder, **25**, 6–9.
- Cordsen, A., and Galbraith, M., 2002, Narrow- versus wide-azimuth land 3D seismic surveys: The Leading Edge, **21**, 764–770.
- Countiss, M., 2002, Frequency-enhanced imaging of stratigraphically complex, thin-bed reservoirs: A case study from South Marsh Island Block 128 Field: The Leading Edge, **21**, 826–836.
- Cox, M., 2000, Static corrections for the 21st Century: Recorder, **25**, 3–4.
- Criss, C., Cunningham, D., and Epili, D., 2002, Near-surface issues for 3D survey design *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 34–36.
- Curtis, A., Combee, L., Olafsen, W., and Smith, P., 2002, Acquisition of highly repeatable seismic data using active streamer steering *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 81–84.
- Czerniak, M., Pascual, R., Wellen, D., and Cerney, B., 2002, Enhanced mini-3D seismic volume and velocity scan techniques for pore pressure prediction in subsalt prospects *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 918–921.
- Dahlin, T., Bernstone, C., and Loke, M. H., 2003, To "A 3-D resistivity investigation of a contaminated site at Lernacken, Sweden" (Torleif Dahlin, Christian Bernstone, and Meng Heng Loke, GEOPHYSICS, 67, 16921700): Geophysics, **68**, 409.
- Dai, H., and Li, X., 2002, A practical approach to update the migration velocity model for PS converted waves *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2297–2300.
- Daley, T., Myer, L., Queen, J., Fortuna, M., Murphy, J., Coates, R., Nihei, K., and Majer, E., 2002, Numerical modeling of scattering from discrete fracture zones in a San Juan Basin gas reservoir *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 109–112.
- Danker, S., 2002, State of the Net: The Leading Edge, **21**, 418.
- Darnet, M., Marquis, G., Sailhac, P., and Gerard, A., 2002, Using Surface SP to Monitor Underground Fluid Flow - an Example from a HDR Stimulation *in* 64th Mtg. Eur. Assn. Geosci. Eng., P113.

- Davis, D., Sullivan, C., Evans, I., and Marfurt, K., 2002a, Seismic stratigraphy, reservoir characterization, and seismic 3-D visualization of seismic attributes of carbonate facies and karst in the San Andres Formation, Vacuum Field, Lea County, New Mexico *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 593–595.
- Davis, S., 2002, Net-to-gross from AI-SI and AI-GI crossplotting: a rock properties analysis using data from Horn Mountain, deep-water Gulf of Mexico *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 241–244.
- Davis, T., Terrell, M., Benson, R., and Kendall, R., 2002b, Seismic Monitoring of the CO₂ Flood at Weyburn Field, Saskatchewan, Canada *in* 64th Mtg. Eur. Assn. Geosci. Eng., P311.
- Davydov, N., Goloshubin, G., Zhuikov, O., and Perkov, I., 2002, Low Frequency Seismic Analysis for Revealing Fluid-Saturated Objects of Petroleum Basins *in* 64th Mtg. Eur. Assn. Geosci. Eng., P293.
- Deal, M., Matteucci, G., Kim, Y., and Romero, A., 2002, Turning ray amplitude inversion: mitigating amplitude attenuation due to shallow gas *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2078–2081.
- van Dedem, E., and Verschuur, D., 2002, 3D surface-related multiple prediction using sparse inversion: experience with field data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2094–2097.
- Dell’Aversana, P., Colombo, D., Buia, M., and Morandi, S., 2003, Velocity/interface model building in a thrust belt by tomographic inversion of global offset seismic data: *Geophys. Prosp.*, **51**, 23–35.
- Dell’Aversana, P., Morandi, S., Buia, M., and Colombo, D., 2002, Pre-stack depth migration of global offset data integrated with high resolution magnetotelluric and gravity *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 556–559.
- Dellinger, J., Brandsberg-Dahl, S., Clarke, R., and Thomsen, L., 2002, Alford rotation after tensor migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 982–985.
- Dennis, L., Meisinger, D., Li, Y., Cline, R., Dennis, M., and Kalmanovitch, N., 2000, Interactive line-tie, wavelet matching and geological based deconvolution: *Recorder*, **25**, 32–38.
- Dewangan, P., and Grechka, V., 2002, Inversion of multicomponent, multiazimuth, walkaway VSP data for the stiffness tensor *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 161–164.
- DiFrancesco, D., and Talwani, M., 2002, Time-lapse gravity gradiometry for reservoir monitoring *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 787–790.
- Dillon, L., Santos, P., Scwedersky, G., and Vasquez, G., 2002, The Elastic Impedance Concept Applied to 3D-AVO - a Reservoir Characterization Study *in* 64th Mtg. Eur. Assn. Geosci. Eng., P291.

- Dirks, V., Randall, N., Blanco, J., Erbetta, M., Gomes, J., and Dillon, P., 2002, High-resolution images from 4C horizontal-well VSP data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2341–2344.
- Dobroka, M., Trk, I., and Kis, M., 2002, Weighted Generalized Series Expansion Used in the 2D Geoelectric Inversion Problem *in* 64th Mtg. Eur. Assn. Geosci. Eng., P192.
- Dobson, A., Li, X.-Y., Ziolkowski, A., and Liu, E., 2002, Effects of Lateral Heterogeneity in Basalt on Seismic Waves - a Modelling Study Using the Boundary Element Method *in* 64th Mtg. Eur. Assn. Geosci. Eng., P267.
- Doligez, B., Fournier, F., Jolivet, G., Ganarski, S., and Beucher, H., 2002, Seismic Facies Map Integration in Geostatistical Geological Model - a Field Case *in* 64th Mtg. Eur. Assn. Geosci. Eng., P215.
- Doll, W., Beard, L., and Gamey, J., 2002, An advanced airborne magnetic system for high-resolution mapping *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 818–821.
- Dorn, G. A., 2002, Computing and visualization: The Leading Edge, **21**, 581–586.
- Dorney, T., Rossow, M., Symes, W. W., and Mittleman, D., 2003, Single-cycle terahertz electromagnetic pulses: A new test bed for physical seismic modeling: *Geophysics*, **68**, 308–313.
- Dorrington, K., and Link, C., 2002, A genetic algorithm/neural network approach to seismic attribute selection for well log prediction *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1654–1657.
- Dovbnich, M., Soldatenko, V., Kais, J., and Mendriy, Y., 2002, The Study of Tectonics of the Syria North-East in Connection with the Hydrocarbon Bearing Prognosis *in* 64th Mtg. Eur. Assn. Geosci. Eng., P127.
- Downton, J., and Lines, L., 2001, AVO feasibility and reliability analysis in the presence of random noise: *Recorder*, **26**, 66–73.
- , 2002, AVO before NMO *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 233–236.
- Dragoset, W., Nyland, D., and Barr, F., 2002, Simultaneous shooting using cascaded sweeps *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 74–76.
- Duffet, C., 2002, Quantifying geological uncertainties in velocity model building *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 926–929.
- Duncan, P., 2002, Happy fifth—A half decade of DISC: The Leading Edge, **21**, 742–743.
- Duncan, W., Constance, P., and Marfurt, K., 2002, Comparison of 3D edge detection seismic attributes to Vinton Dome Louisiana *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 577–580.

- Duquet, B., Lambare, G., and Xu, S., 2002, 3D multi-arrival Kirchhoff versus wave equation migration: Application to the SEG/EAGE Salt model *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1364–1367.
- Duveneck, E., and Hubral, P., 2002, Tomographic velocity model inversion using kinematic wavefield attributes *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 862–865.
- Eastwood, J., 2002, The attribute explosion: The Leading Edge, **21**, 994.
- Eaton, P., Anderson, B., Nilsson, B., Lauritsen, E., Queen, S., and Barnett, C., 2002, NEWTEM - A novel time-domain helicopter electromagnetic system for resistivity mapping *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1–4.
- Ebrom, D., 2002, OTC 2002: The Leading Edge, **21**, 369.
- Ebrom, D., Heppard, P., and Thomsen, L., 2002, Numerical modeling of PS moveout as a function of pore pressure *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1634–1637.
- Egan, R., 2001, Life, death, and geomythology: Recorder, **26**, 8–8.
- Eidsvik, J., and Mukerji, T., 2002, Modeling lithofacies alternations from well logs using Hierarchical Markov Chains *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2463–2466.
- Eikeberg, O., and Elde, R., 2002, 1D Modelling - a Quantitative Tool in 4D Analysis on Troll West Oil Province? *in* 64th Mtg. Eur. Assn. Geosci. Eng., P314.
- Eiken, O., Aronsen, H., Furre, A., Klefstad, L., and Nordby, L., 2002, Repeated seismic surveys from the Norwegian Sea using new streamer technology *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1700–1703.
- El-Emam, A., and Al-Anzi, M., 2002, The Use of Gravity and Magnetic Data to Define the Khuff and Pre-Khuff of Kuwait *in* 64th Mtg. Eur. Assn. Geosci. Eng., P196.
- Elapavuluri, P., and Bancroft, J., 2002a, Estimation of Thomsen's Anisotropic Parameters Using Shifted Hyperbola NMO Equation *in* 64th Mtg. Eur. Assn. Geosci. Eng., P134.
- , 2002b, Inversion for Thomsen's parameters over Blackfoot field in Alberta, Canada *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 165–168.
- Elawadi, E., and Ushijima, K., 2002, Interpretation of Isolated Gravity Anomalies Using Euler Deconvolution *in* 64th Mtg. Eur. Assn. Geosci. Eng., P114.
- Ellingsrud, S., Eidesmo, T., Johansen, S., Sinha, M., MacGregor, L., and Constable, S., 2002, Remote sensing of hydrocarbon layers by seabed logging (SBL): Results from a cruise offshore Angola: The Leading Edge, **21**, 972–982.

- Ellis, R., 2002, Electromagnetic inversion using the QMR-FFT fast integral equation method *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 21–25.
- Emerson, D., 2002, Quo Vadis Explorer?: Preview, 40–42.
- Enescu, N., McDowell, G., Bell, C., and Cosma, C., 2002, Crosshole seismic investigations at Voisey's Bay, Canada *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1472–1475.
- Engelmark, F., 2002, Error propagation in Gassmann modeling for 4D feasibility studies: The Leading Edge, **21**, 984–987.
- Eppelbaum, L., Ben-Avraham, Z., and Itkis, S., 2002, Integrated Geophysical Investigations at the Halutza Archaeological Site, Southern Israel *in* 64th Mtg. Eur. Assn. Geosci. Eng., P151.
- Erdemir, C., Mattocks, B., Ward, J., and Cornish, B., 2002, Multi-mode, multi-component time-lapse imaging at Lost Hills *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2357–2360.
- Etgen, J., Billette, F., Rietveld, W., and Sandschaper, R., 2002, The key practical aspects of 3D tomography: data picking and model representation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 826–829.
- Etris, E., Crabtree, R., and Dewar, J., 2001, True depth conversion: More than a pretty picture: Recorder, **26**, 11–22.
- Ettrich, N., and Sollid, A., 2002, Offset dependent geometrical spreading for converted waves using constant velocity gradient models *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1388–1391.
- Euchi, H. E., Ouachi, A., Tremolieres, P., Adouani, F., Boubaker, K. B., and Ferjaoui, M., 2002, Tectonics & Trap Types in Tunisia *in* 64th Mtg. Eur. Assn. Geosci. Eng., P302.
- Fabricius, I., Mavko, G., Mogensen, C., and Japsen, P., 2002, Elastic moduli of chalk as a reflection of porosity, sorting, and irreducible water saturation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1903–1906.
- Fahringer, P., and Wilson, T., 2002, Shallow EM investigations of AMD at an abandoned coal mine in northern West Virginia: The Leading Edge, **21**, 478–481.
- Fainstein, R., 2002, Regional Seismic Interpretation Mapping, Offshore Southeastern Brazil *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 568–572.
- Fairs, G., Boyd, J., Einarsson, P., Hunt, L., Korchinski, B., Ramescu, L., Walls, C., and Parlee, B., 2001a, The CSEG ratifies a master license agreement for seismic data: Recorder, **26**, 96–98.
- , 2001b, A master license agreement for seismic data: Recorder, **26**, 39–42.

- Fais, S., Klingele, E., and Lecca, L., 2002, Magnetic Features of the Sardinian Block, Western Mediterranean - an Overview *in* 64th Mtg. Eur. Assn. Geosci. Eng., P308.
- Fanini, O., and Hardman, R., 2002, Water saturation error of 346''foot bed and four-term decomposition of induction sonde response for faster inversion processing *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 324–327.
- Farquharson, C., Oldenburg, D., and Haber, E., 2002, An algorithm for the three-dimensional inversion of magnetotelluric data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 649–652.
- Fedi, M., and Rapolla, A., 2003, Reply by the authors to the discussions by D. W. Oldenburg and Y. Li, and by G. Strykowski and F. Boschetti (Maurizio Fedi and Antonio Rapolla, GEOPHYSICS, 64, 452461): Geophysics, **68**, 406–408.
- Fei, T., and Etgen, J., 2002, Domain decomposition for 3D finite-difference depth extrapolation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1160–1163.
- Ferguson, R., and Margrave, G., 2002, Generalized-Screen Operators with a Spatially Variable Background Velocity *in* 64th Mtg. Eur. Assn. Geosci. Eng., P241.
- Ferguson, R., and Sen, M., 2002, tau-p domain estimation of elastic parameters in VTI media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 169–172.
- Fetter, M., 2002, Interaction between salt related extension and basement strike-slip reactivation in Northern Campos Basin ? deepwater Brazil *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2413–2416.
- Fink, P., Vincent, L., Maxwell, A., and Peresson, H., 2002, Imaging the Oil beneath the Fault Shadow - Unravelling a Complex Structure in the Timor Sea *in* 64th Mtg. Eur. Assn. Geosci. Eng., P164.
- Finn, C., and Winbow, G., 2002, 3-D prestack migration of common-offset data in the frequency-wave number domain *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1152–1155.
- Fiore, B. D., Mauriello, P., and Patella, D., 2002, 3D Resistivity Probability Tomography - the San Giovanni a Carbonara Monastery, Naples, Case-History *in* 64th Mtg. Eur. Assn. Geosci. Eng., P271.
- Fliedner, M., Crawley, S., Popovici, A., Bevc, D., and Biondi, B., 2002, Imaging of a rugose salt body in the deep Gulf of Mexico: Kirchhoff versus common azimuth wave-equation migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1304–1307.
- Foss, C., 2002a, Precision+of+source+depth+estimates+made+from+lies *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 716–719.
- , 2002b, The resolution in geological mapping that can be expected from airborne gravity gradiometry *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 743–746.

- Foster, D., Mosher, C., and Wu, R., 2002, Coherent-state solutions of the wave equation *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1348–1351.
- Fouad, K., Jackson, J., Jennette, D., and Soto-Cuervo, A., 2002, Porosity prediction from multiattribute analysis in deepwater sandstone reservoirs, Veracruz Basin, southeast Mexico *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1873–1876.
- Fried, J., and Mackay, S., 2001, Dynamic corrections for water velocity variations: A Nova Scotia case history: *Recorder*, **26**, 5–15.
- Fried, J., and MacKay, S., 2002, Removing distortions caused by water velocity variations: Water velocity determination *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 2070–2073.
- Fromyr, E., Randazzo, S., Granli, J., Amundsen, L., and Duffaut, K., 2002, Imaging and characterization with PP and PS: A feasibility study from the North Sea *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1038–1041.
- Fruhworth, R., 2002, Joining of Tomographic Methods for Resolving Surface to Tunnel Data *in 64th Mtg. Eur. Assn. Geosci. Eng.*, P153.
- Fu, L., 2002, Born dispersion equation and Kirchhoff migration in laterally heterogeneous media *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1113–1116.
- Fu, L., and Duan, Y., 2002, Fourier depth migration methods with application to salt-related complex geological structures *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1308–1311.
- Gaiser, J., and Dok, R. V., 2002, PS-wave azimuthal anisotropy: benefits for fractured-reservoir management *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1638–1641.
- Gaiser, J., Dok, R. V., and Markert, J., 2002, Processing and analysis of 3-D PS-wave data for fracture detection: Green River Basin, Wyoming case study: *Recorder*, **27**, 5–9.
- Galbraith, M., 2002a, 3D geometry for demultiple and noise cancellation: The Leading Edge, **21**, 838–851.
- , 2002b, Prestack time migration responses of some 3D geometries *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 52–55.
- Galibert, P., and Duval, L., 2002, Practical aspects of 3D coherent noise filtering using (f-kx-ky) or wavelet transform filters *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 2241–2244.
- Galikeev, T., and Meng, H., 2002, Reservoir-scale velocity modelling - an integrated part of reservoir characterization *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1747–1749.

- Gambus-Ordaz, M., Torres-Verdin, C., and Schile, C., 2002, High-resolution geostatistical inversion of a seismic data set acquired in a Gulf of Mexico gas reservoir *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1785–1788.
- Ganarski, S., Bancelin, J., and Gottlieb-Zeh, S., 2002, Indexed Self Organized Maps - A New Tool For Seismic Reservoir Characterization *in* 64th Mtg. Eur. Assn. Geosci. Eng., P294.
- Gao, J., Tian, F., Chen, S., Zhang, E., Chen, W., Zhang, Z., and Li, Y., 2002, Generalized S transform and its applications for analysis of seismic thin beds *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2217–2220.
- Garcia, H., and Martin, N., 2002, Elastic and acoustic inversions, discriminant function and neural networks for gas-sand detection *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 938–941.
- Garotta, R., Granger, P., and Gresillaud, A., 2002a, About compressional, converted mode and shear statics *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 975–978.
- Garotta, R., Granger, P. Y., and Dariu, H., 2002b, Combined interpretation of PP and PS data provides direct access to elastic rock properties: The Leading Edge, **21**, 532–535.
- Garza-Rocha, D., 2002, A new way for stacking of reflected converted waves *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2225–2228.
- Gay, S., 2002, Glacial Till - a troublesome source of near-surface magnetic anomalies *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 774–774.
- Geerits, T. W., and Tang, X., 2003, Centroid phase slowness as a tool for dispersion correction of dipole acoustic logging data: Geophysics, **68**, 101–107.
- Geiger, H., 2002, Amplitude-preserving weights for Kirchhoff prestack time migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1220–1223.
- Gelius, L., Lecomte, I., and Hamran, S., 2002, The concept of local parabolic-wave imaging (LpI) in PSDM *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1184–1187.
- Gerhardt, A., Machado, M., Silva, P., and Gattass, M., 2002, Enhanced Visualization of 3-D Seismic Data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 625–628.
- Gestel, J. V., and Ray, A., 2002, VSP survey design using finite difference modeling *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2361–2364.
- Ghose, R., 2002, High-frequency shear wave reflections from shallow subsoil layers using a vibrator source: sweep cross-correlation versus deconvolution with ground-force derivative *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1408–1011.

- Gibson, R., Lee, K., and Durussel, V., 2002, Efficient meshes for wavefront construction applied to anisotropic media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1943–1946.
- Gidlow, P., Dhillon, R., Thomas, C., and Ziegler, T., 2002, Reconnaissance AVO and Anisotropy Prediction, Deepwater Nigeria *in* 64th Mtg. Eur. Assn. Geosci. Eng., P183.
- Gilbert, F., 2002, Downscaling a seismic scale acoustic impedance model with stochastic modeling for uncertainty analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1739–1742.
- Girard, M., and Pradalie, F., 2002, Contribution of new technologies and methods for 3D land seismic acquisition and processing applied to reservoir structure enhancement - Block 10, Yemen *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 461–464.
- Gisolfo, D., van de Rijzen, M., and Verschuur, D., 2002, Infilling of sparse 3D seismic data for 3D focussing operator estimation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1272–1275.
- Glinsky, M., Strauss, M., Sapir, M., and Melick, J., 2002, Geologic lithofacies identification using seismic wavelet transformation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 886–889.
- Gochioco, L., 2002, Potential fields: Gaining more respect and recognition: The Leading Edge, **21**, 416–417.
- Gochioco, L. M., Magill, C., and Marks, F., 2002a, The borehole camera: An investigative geophysical tool applied to engineering, environmental, and mining challenges: The Leading Edge, **21**, 474–477.
- Gochioco, L. M., Novianti, I., and Pascual, R., 2002b, Resolving fault shadow problems in Irian Jaya (Indonesia) using prestack depth migration: The Leading Edge, **21**, 911–913.
- Gochioco, L. M., and Wang, Z., 2002, Introduction Asia/Pacific: The Leading Edge, **21**, 897.
- Gochioco, L. M., and Wilson, T., 2002, Introduction to this special section: Near-surface geophysics: The Leading Edge, **21**, 459.
- Goldin, S., 2002, Theoretical aspects of 3D-DMO *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2333–2336.
- Goloshubin, G., Vingalov, V., and Korneev, V., 2002, Seismic low-frequency effects from oil-saturated reservoir zones *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1813–1816.

- Golubev, N., Pavlov, D., Zhdanov, M., and Cole, C., 2002a, The correlation method of gravity data separation and interpretation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 759–761.
- Golubev, N., Zhdanov, M., and Chernobay, B., 2002b, Three-dimensional inversion of array magnetotelluric data based on quasi-analytical approximation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 637–640.
- Gomes, E., Protazio, J., Simões-Filho, I., and Costa, J., 2002a, Estimation of Fractures Orientation from Multi-azimuthal AVO *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1073–1076.
- Gomes, G., Silva, R., Lopes, G., and Sampaio, E., 2002b, Ground geophysics applied to gold exploration in the Contendas-Mirante greenstone belt, Brazil *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1101–1104.
- Gommesen, L., Mavko, G., Mukerji, T., and Fabricius, I., 2002, Fluid substitution studies for North Sea chalk logging data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 340–343.
- Grasmueck, M., and Weger, R. C., 2002, 3D GPR reveals complex internal structure of Pleistocene oolitic sandbar: *The Leading Edge*, **21**, 634–639.
- Gratacos, B., Haggard, W., and Granger, P., 2002, Calibration of horizontal sensors in the presence of azimuthal anisotropy *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 971–974.
- Grauch, V., and Johnston, C., 2002, Gradient window method: A simple way to separate regional from local horizontal gradients in gridded potential-field data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 762–765.
- Gray, D., 2002, Elastic inversion for Lamé parameters *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 213–216.
- Gray, D., and Andersen, E., 2001, The application of AVO and inversion to the estimation of rock properties: *Recorder*, **26**, 36–40.
- Gray, D., Todorovic-Marinic, D., and Lahr, M., 2002a, Seismic fracture analysis on the Pinedale Anticline: Implications for improving drilling success *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 532–535.
- Gray, S., Cheadle, S., Vestrum, R., Gittins, J., Zhu, T., and Nanan, H., 2002b, Using advanced seismic imaging tools to see the invisible beneath foothills structures: *Recorder*, **27**, 16–28.
- Gray, S., Nottfors, C., and Bleistein, N., 2002c, Imaging using multi-arrivals: Gaussian beams or multi-arrival Kirchhoff? *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1117–1120.
- Grech, M., Lawton, D., and Cheadle, S., 2001, Integrated pre-stack depth migration of VSP and surface seismic data: *Recorder*, **26**, 48–56.

- Grechka, V., Tsvankin, I., and Pech, A., 2002, Parameter estimation in orthorhombic media using multicomponent reflection data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1085–1088.
- Green, A., 2002, AEM: Surviving in a changing environment: Preview, 22–26.
- Gret, A., Scales, J., Batzle, M., and Snieder, R., 2002, Time-lapse monitoring of acoustic emissions with coda wave interferometry *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1858–1861.
- Greterer, P., 2002, The Gassmann story: The Leading Edge, **21**, 746.
- Gribenko, A., and Zhdanov, M., 2002, Sensitivity analysis of tensor induction well logging in anisotropic media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 380–383.
- Grosfeld, V., Biloti, R., Santos, L., and Tygel, M., 2002, Topographic Correction Using CRS Parameters *in* 64th Mtg. Eur. Assn. Geosci. Eng., P165.
- Grossey, T., Hill, I., Jeffrey, C., Busby, J., and Leach, C., 2002, Development of Integrated High-Resolution Geophysical Exploration for Replacement Mineralisation in the South Pennine Orefield, UK *in* 64th Mtg. Eur. Assn. Geosci. Eng., P284.
- Grossman, J., Lamoureux, M., Aggarwala, R., and Margrave, G., 2002, A robust algorithm for constant-Q wavelet estimation using Gabor analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2210–2213.
- Grote, K., Hubbard, S. S., and Rubin, Y., 2002, GPR monitoring of volumetric water content in soils applied to highway construction and maintenance: The Leading Edge, **21**, 482–485.
- Guan, H., and Sacchi, M., 2002, An improved complex screen propagator for large background velocity variations *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2015–2018.
- Guerrero, C., Wookey, J., der Baan, M. V., and Kendall, M., 2002, VTI anisotropy parameter estimation in the tau-p domain: An example from the North Sea *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 137–140.
- Guitton, A., 2002, Shot-profile migration of multiple reflections *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1296–1299.
- Gulunay, N., 2003, Seismic trace interpolation in the Fourier transform domain: Geophysics, **68**, 355–369.
- Guo, J., Zhou, H., Young, J., and Gray, S., 2002, Merits and challenges for accurate velocity model building by 3D gridded tomography *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 854–857.
- Gurevich, B., 2002a, Elastic properties of saturated porous rocks with aligned fractures *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2405–2408.

- , 2002b, Elastic wave attenuation in porous rocks: effects of pore fluid viscosity and frequency *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1821–1824.
- Ha, T., and Shin, C., 2002, Problems of constructing the approximate Hessian in wave-form inversion *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 961–962.
- Haase, A., 2002, Plane waves, spherical waves and angle-dependent P-wave reflectivity in elastic VTI-models *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 304–307.
- Haber, E., and Ascher, U., 2002, Inversion of 3D time domain electromagnetic data using an all-at-once approach *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 629–632.
- Haber, E., Ascher, U., and Oldenburg, D., 2002a, 3D forward modeling of time domain electromagnetic data *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 641–644.
- Haber, E., Ascher, U., Shekhtman, R., Chen, J., and Oldenburg, D., 2002b, 3D frequency-domain CSEM inversion using unconstrained optimization *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 653–656.
- Hadidi, M. T., Baumstein, A., and Kim, Y. C., 2002, Surface-related multiple elimination on wide-tow marine data: *The Leading Edge*, **21**, 787–790.
- Hajjej, S., Dey, Z., and Ouahchi, A., 2002, Austrian Phase and Halokinetic Events in the Southern Gulf of Gabes - SE Offshore of Tunisia, Effects on the Distribution of the Cretaceous Reservoirs and Trap Development *in 64th Mtg. Eur. Assn. Geosci. Eng.*, P304.
- Hale, D., and Emanuel, J., 2002, Atomic meshing of seismic images *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 2126–2129.
- Hall, S., Michelena, R., Mavko, G., Wild, P., and MacBeth, C., 2002a, Time-lapse seismic monitoring of compaction and subsidence at Valhall through cross-matching and interpreted warping of 3D streamer and OBC data *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1696–1699.
- Hall, S. A., Kendall, J.-M., and Barkved, O. I., 2002b, Fractured reservoir characterization using P-wave AVOA analysis of 3D OBC data: *The Leading Edge*, **21**, 777–781.
- Han, D., and Batzle, M., 2002a, Constrained and simplified Gassmann's equations *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1837–1841.
- Han, D.-H., and Batzle, M., 2002b, Fizz water and low gas-saturated reservoirs: *The Leading Edge*, **21**, 395–398.
- Han, Q., 2002, 3D ray-tracing in fractured media *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 205–208.

- Han, Q., and Shen, F., 2002, 3D multivalued traveltime and amplitude calculation by finite-element framed rays *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2257–2260.
- Haney, M., and Li, Y., 2002, Total magnetization direction and dip from multiscale edges *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 735–738.
- Hansen, R., 2002, 3D multiple-source Werner deconvolution *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 802–805.
- Hanyga, A., 2002, A Calculus for Memory Effects in Dynamics of Porous Media *in* 64th Mtg. Eur. Assn. Geosci. Eng., P244.
- Hanyi, H., Hongzhang, Z., and Dandan, F., 2002, Multicomponent seismic exploration in Yinggehai Basin: The Leading Edge, **21**, 914–920.
- Hardy, H., Beier, R., and Gaston, J., 2003, Frequency estimates of seismic traces: Geophysics, **68**, 370–380.
- Hardy, R., 2002, A discrete element model (DEM) assists in the seismic interpretation of fault blocks in Lobo *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 540–543.
- Harris, P., and Chazalnoel, N., 2002, Anisotropic prestack depth migration: A case study *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1264–1267.
- Hart, D., and Hootman, B., 2000, Achieving consistent and stable phase with mixed-source surveys: Recorder, **25**, 3–8.
- Hartley, B., 2002, A Computer Algebra Based 3D Seismic Modelling System for Simple Earth Models *in* 64th Mtg. Eur. Assn. Geosci. Eng., P265.
- Hatch, R., and Meyer, J., 2001, Strategic infill drilling targeted using crosswell seismic - Two case studies: Recorder, **26**, 16–58.
- Hatherly, P., 2002, Geophysical methods in the coal mining industry: Preview, 43–44.
- Hawas, K. A., Ameen, M., Wahab, M., and MacBeth, C., 2002, Fracture Characterization in the Ghawar Field, Using Wide-Azimuth Full-Offset Seismic Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., P214.
- Hawkins, K., Leggott, R., and Williams, R., 2002, An integrated geoscience approach to reservoir imaging using anisotropic pre-SDM *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 472–475.
- Hayashi, K., 2002, CMP analysis of multi-channel and multi-shot surface-wave data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2431–2434.
- He, Z., He, Z., and Wang, X., 2002a, Reservoir mapping using high frequency electromagnetic method, a case history of BH field *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 332–335.

- He, Z., Liu, Y., and Yang, L., 2002b, Nonseismic methods guide seismology in steep structures: *The Leading Edge*, **21**, 927–928.
- Hedlin, K., Mewhort, L., and Margrave, G., 2002, Delineation of steam flood using seismic attenuation: *Recorder*, **27**, 27–30.
- Hegedus, E., Bodoky, T., Fancsik, T., Posgay, K., and Group, C. W., 2002, A New Generation 2D and 3D Refraction Experiment in the Carpathian Basin *in* 64th Mtg. Eur. Assn. Geosci. Eng., P173.
- Henley, D., 2002, Seismic imaging as an archaeological tool *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1512–1515.
- Henry, F., Fokkema, J., and de Pater, C., 2002, Experiments on Stoneley Wave Propagation in a Borehole Intersected by a Finite Horizontal Fracture *in* 64th Mtg. Eur. Assn. Geosci. Eng., P143.
- Herd, L., and Welter, J., 2000, Internet delivery of high resolution aerial ortho-imagery: *Recorder*, **25**, 18–24.
- Herman, G. C., 2002, President's Page: *The Leading Edge*, **21**, 526.
- Hermance, J., 2002, Facilitating the interpretation of GPR refraction data for stratigraphic analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1424–1427.
- Herrmann, F., and de Hoop, M., 2002, Edge preserved denoising and singularity extraction from angles gathers *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2443–2446.
- Herron, D. A., 2002, The evolution of a Continuing Education course: *The Leading Edge*, **21**, 748–750.
- Hertweck, T., Jaeger, C., Goertz, A., and Schleicher, J., 2002, On the aperture effects in 2.5D Kirchhoff migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1121–1124.
- Hestholm, S., 2003, Elastic wave modeling with free surfaces: Stability of long simulations: *Geophysics*, **68**, 314–321.
- Hestholm, S., Ketcham, S., Greenfield, R., McMechan, G., Dillen, M., Moran, M., and Anderson, T., 2002, Accurate viscoelastic modeling in coordinate-transform velocity-stress formulations *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1915–1918.
- Hilderbrand, A., Lockwood, D., and Bird, A., 2002, The prairie meteorite search: *Recorder*, **27**, 5–5.
- Hill, N., Langan, R., Nemeth, T., Zhao, M., and Bube, K., 2002, Beam methods for predictive suppression of seismic multiples in deep water *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2118–2121.

- Hills, L., Kooyman, B., Tolman, S., and McNeil, P., 2000, A glimpse of 11,000-year-old inhabitants of Alberta: *Recorder*, **25**, 3–3.
- Hindriks, C., van Veldhuizen, E., and Verschuur, D., 2002, Model independent, true amplitude redatuming for complex near surface effects *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2047–2050.
- Hinds, R., and Kuzmiski, R., 2001, VSP for the interpreter/processor for 2001 and beyond: Part 1: *Recorder*, **26**, 84–95.
- Hinds, R., and Lavallee, H., 2001, Wembley Halfway B Pool - A test case for 3D visualization technology: *Recorder*, **26**, 44–46.
- Hodgson, L., Lancaster, S., Lecocq, P., and Whitcombe, D., 2002, Frequency slice filtering ? a novel method of seismic noise attenuation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2214–2216.
- Hoelting, C., Duncan, W., Marfurt, K., Zhou, H., and Gherasim, M., 2002, A preliminary study of salt flank illumination at Vinton Dome, Louisiana: Do we need lateral wavefield continuation? *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1368–1371.
- Hoffmann, H.-J., and Durkan, R., 2002, Investigating the Detectability of Gas Sands Offshore South Africa by Means of AVO Modeling *in* 64th Mtg. Eur. Assn. Geosci. Eng., P184.
- Hoffmann, J., Hegna, S., and Rekdal, T., 2002a, Improving the data quality in marine streamer seismic by increased cross-line sampling *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 85–88.
- Hoffmann, J., Long, A., and Kaji, B., 2002b, The value of subsurface coverage modeling for seismic acquisition analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 37–40.
- Hofmann, A., Price, A., Kaffenberger, G., Godderij, R., and Simpson, M., 2002, Hanze Chalk Oil Field - the Chalk Pearl in the Dutch North Sea *in* 64th Mtg. Eur. Assn. Geosci. Eng., P211.
- Hokstad, K., 2002, Geometrical spreading in a layered transversely isotropic medium with vertical symmetry axis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 189–192.
- Hokstad, K., Engell-Sorensen, L., Maaø, and F[], 2002, 3-D elastic finite-difference modeling in tilted transversely isotropic media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1951–1954.
- Holbrook, W. S., Gorman, A., Hornbach, M., Hackwith, K., Nealon, J., Lizarralde, D., and Pecher, I. A., 2002, Seismic detection of marine methane hydrate: The Leading Edge, **21**, 686–689.

- Holstein, H., 2003, Gravimagnetic anomaly formulas for polyhedra of spatially linear media: *Geophysics*, **68**, 157–167.
- Holzschuh, J., 2003, Errata To "Low-cost geophysical investigations of a paleochannel aquifer in the Eastern Goldfields, Western Australia" (Josef Holzschuh, *Geophysics*, 67, 690700): *Geophysics*, **68**, 409.
- Hornbach, M., Holbrook, W. S., Gorman, A., Hackwith, K., Lizarralde, D., and Pecher, I., 2003, Direct seismic detection of methane hydrate on the Blake Ridge: *Geophysics*, **68**, 92–100.
- House, L., Larsen, S., Martin, G., Wiley, R., and Marfurt, K., 2002, 2D and 3D elastic modeling with shared seismic models *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1975–1978.
- Hoversten, G., Gritto, R., Daley, T., and Washbourne, J., 2002, Fluid saturation and pressure prediction in a multicomponent reservoir by combined seismic and electromagnetic imaging *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1770–1773.
- Hu, H., 2002, Attenuation and seismoelectric characteristics of dynamically compatible porous media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1817–1820.
- Hu, H., and Liu, J., 2002, Simulation of the converted electric field during acoustoelectric logging *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 348–351.
- Hu, L., and Kim, J., 2002, Imaging complex shallow structures by prestack depth migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1260–1263.
- Hu, T., Hong, F., Wang, R., Li, G., and Wen, S., 2002, Multiple attenuation using beamforming onshore and offshore China: *The Leading Edge*, **21**, 906–910.
- Huang, H., and Won, I., 2002, Identification of mineral deposits using airborne electromagnetic spectra *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 5–8.
- Huang, K., 2002, Principal component neural network for seismic pattern analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 609–612.
- Huang, L., and Fehler, M., 2002, Split-step Fourier Pade migration method *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1144–1147.
- Huang, X., Wu, L., Niu, B., and Xu, J., 2002, Radon projection 3D pre-stack time migration for vertically inhomogeneous media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1372–1375.
- Hubbard, S. S., Grote, K., and Rubin, Y., 2002, Mapping the volumetric soil water content of a California vineyard using high-frequency GPR ground wave data: *The Leading Edge*, **21**, 552–559.
- Hugonnet, P., 2002, Partial surface related multiple elimination *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2102–2105.

- Huntley, R., and Curtis, T., 2001, A standard data model for the energy industry: *Recorder*, **26**, 58–60.
- Hutchinson, P., and Barta, L., 2002, VLF surveying to delineate longwall mine-induced fractures: *The Leading Edge*, **21**, 491–493.
- Hyde, C., 2002, The electromagnetic response of a sphere in the moment domain: a building block for the construction of arbitrary 3D shapes *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 645–648.
- Hyndman, R., and Dallimore, S., 2001, Natural gas hydrate studies in Canada: *Recorder*, **26**, 11–20.
- Ikelle, L., and Amundsen, L., 2002, Acquisition Processing Noniterative multiple attenuation methods: Linear inverse solutions to nonlinear inverse problems: *The Leading Edge*, **21**, 350–356.
- Ikelle, L., Amundsen, L., Gangi, A., and Wyatt, S. B., 2003, Kirchhoff scattering series: Insight into the multiple attenuation method: *Geophysics*, **68**, 16–28.
- Ikelle, L., and Lu, W., 2002, Multishooting method for simulating seismic surveys: Application to 3D finite-difference modeling *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1931–1934.
- Imhof, M., 2002a, Calculating the seismic effect of 3D underground structures and topography with the finite-difference method *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1939–1942.
- , 2002b, Estimation of 3D Reservoir Heterogeneity Using Seismic Heterogeneity Cubes *in 64th Mtg. Eur. Assn. Geosci. Eng.*, P221.
- , 2002c, Wave-Equation Tomography in Scattering and Reflection Mode *in 64th Mtg. Eur. Assn. Geosci. Eng.*, P162.
- Imhof, M. G., 2003, Scale dependence of reflection and transmission coefficients: *Geophysics*, **68**, 322–336.
- Innanen, K., 2002, Local signal regularity as a framework for Q-estimation *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 2206–2209.
- Iranpour, K., Muyzert, E., and Grion, S., 2002, Local Velocity Analysis by Parametric Wavenumber Estimation in Seismic - fk-MUSIC *in 64th Mtg. Eur. Assn. Geosci. Eng.*, P171.
- Isaac, J., and Lawton, D., 2002, Image mispositioning in foothills seismic data due to a dipping transversely isotropic overburden: Implications from physical seismic modelling studies: *Recorder*, **27**, 34–38.
- Isaac, J., and Lines, L., 2002, Where's the reef?: *Recorder*, **27**, 30–32.

- Itkis, S., Khesin, B., and Feinstein, S., 2002, Detailed Magnetic Prospecting at Archaeological Sites of Israel - Complications and Physical-Archaeological Models *in* 64th Mtg. Eur. Assn. Geosci. Eng., P278.
- Iversen, E., 2002a, From approximate to accurate velocity rays *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 878–881.
- , 2002b, The isochron ray: A new concept in seismic modeling and imaging *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1935–1938.
- Jaeger, C., Hubral, P., and Hertweck, T., 2002, The unified approach and its applications: wave-equation based trace interpolation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2178–2181.
- James, G., and Poncos, V., 2000, ARAM24 seismic recording systems: Recorder, **25**, 20–22.
- Japsen, P., 2002, Effect of fluid substitution on ultrasonic velocities in chalk plugs, South Arne field, North Sea *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1881–1884.
- Javaherian, A., Azar, J. H., Fard, I. A., and Khorasani, M., 2002, Introducing a PC and Workstation Supported Software for the Similarity Prediction of the Seismic Events *in* 64th Mtg. Eur. Assn. Geosci. Eng., P188.
- Jenner, E., 2002, Azimuthal AVO: Methodology and data examples: The Leading Edge, **21**, 782–786.
- Jiao, J., Leger, P., and Stevens, J., 2002, Enhancements to wave-equation multiple attenuation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2098–2101.
- Jin, S., 2002, Tying PS to PP depth section: Two examples of anisotropic prestack depth imaging of 4C data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1093–1096.
- Jin, S., Schultz, P., and Li, Z., 2002a, 3D wave equation GSP prestack depth migration with application to a deep-water dataset from Gulf of Mexico *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1316–1319.
- Jin, S., Xu, S., and Mosher, C., 2002b, Migration with a local phase screen propagator *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1164–1167.
- Jing, C., Shatilo, A., and Willen, D., 2002, Converted-wave migration velocities from common-receiver image focusing analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 994–997.
- Johnston, D., Sun, M., Gouveia, W., Walley, D., Lye, Y., and Lu, C., 2002, Time-lapse seismic analysis at Irong Barat: Malay Basin *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1681–1683.
- Jones, A., 2002a, Using deep-probing EM studies as an aid to area selection of diamond provinces *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 480–483.

- Jones, A., and McNeice, G., 2002, Audio-magnetotellurics (AMT) for steeply dipping mineral targets: importance of multicomponent measurements at each site *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 496–499.
- Jones, A. G., and Garcia, X., 2003, Okak Bay AMT data-set case study: Lessons in dimensionality and scale: *Geophysics*, **68**, 70–91.
- Jones, G., Barton, P., and Singh, S., 2002a, Combined Wide-Angle and Reflection Velocity Images via the Tau-P Domain - a Sub-Basalt Application *in* 64th Mtg. Eur. Assn. Geosci. Eng., P176.
- Jones, I., 2002b, Continuous high resolution velocity as a 4D attribute *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1715–1718.
- Jones, I., Bernitsas, N., Farmer, P., Leslie, J., and Bridson, M., 2002b, Anisotropic Ambiguities *in* 64th Mtg. Eur. Assn. Geosci. Eng., P137.
- , 2002c, Anisotropic ambiguities *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 121–124.
- Jones, I., Bridson, M., and Goodwin, M., 2002d, 4D illumination and elastic modeling *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1712–1714.
- Jones, I., and Fruehn, J., 2002, Factors affecting frequency content in preSDM imaging *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1232–1235.
- Jordan, T., 2002, Field testing amplitude and phase variation with offset (APVO) analysis of ground penetrating radar data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1516–1518.
- Josh, M., and Murray, W., 2002, Comparison of a Recently Developed Dielectric Tool with a Spectral Gamma Tool *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 392–395.
- Julien, P., Pivot, F., Ouair, Y. E., Toinet, S., and Douillard, A., 2002, The importance of pre-stack seismic massive modeling for AVO calibration and seismic reservoir characterization *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1731–1734.
- Kalac, K., Hernitz, Z., Velic, J., and Malvic, T., 2002, Stratigraphy of Coarse Grained Clastics of the Fields Obod, Ladislavci and Crnac, Croatia *in* 64th Mtg. Eur. Assn. Geosci. Eng., P123.
- Kane, J., Herrmann, F., and Toksoz, N., 2002, Wavelet domain geophysical inversion *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 906–909.
- Keating, P., Vallee, M., and Pilkington, M., 2002, A comparison of some interpretation techniques for magnetic data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 806–809.

- Keehm, Y., Nur, A., and Mukerji, T., 2002, Efficient parallel implementation of two-phase Lattice-Boltzmann flow simulation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1829–1832.
- Keers, H., Chapman, C., and Nichols, D., 2002, A Fast Integration Technique for the Generation of Ray-Born Synthetics *in* 64th Mtg. Eur. Assn. Geosci. Eng., P108.
- Keho, T., and Samsu, D., 2002, Depth conversion of Tangguh gas fields: The Leading Edge, **21**, 966–971.
- Kelamis, P., Erickson, K., Burnstad, R., Clark, R., and Verschuur, D., 2002a, Data-driven internal multiple attenuation - Applications and issues on land data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2035–2038.
- Kelamis, P., Erickson, K. E., Verschuur, D. J., and Berkhout, A. J., 2002b, Velocity-independent redatuming: A new approach to the near-surface problem in land seismic data processing: The Leading Edge, **21**, 730–735.
- Keller, G. R., Hildenbrand, T. G., Kucks, R. P., Roman, D. P., and Hittelman, A., 2002, Upgraded gravity anomaly base of the United States: The Leading Edge, **21**, 366–36.
- Kelly, M., Geiger, H., and Skidmore, C. M., 2002, Prediction of bed geometry, net and gross reservoir thickness *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1782–1784.
- Kendall, R., Maxwell, P., Cheadle, S., Burnett, R., and Watt, H., 2002, VectorSeis - Initial Results from a New Multicomponent Sensor *in* 64th Mtg. Eur. Assn. Geosci. Eng., P257.
- Kepic, A., and Butler, K., 2002, The Art of Measuring Very Low Amplitude Seismoelectric Signals *in* 64th Mtg. Eur. Assn. Geosci. Eng., P193.
- Kerr, A., 2000, Campbell Murray Hunter: Recorder, **25**, 16–16.
- Kerr, A., and Bradshaw, A., 2000, Judy Creek and beyond: Recorder, **25**, 9–9.
- Kessler, D., Codd, J., Hoxha, F., Drummond, J., Mehlhop, A., and Walraven, D., 2002, Interpretation of sub-salt converted waves *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1053–1056.
- Khan, A., Ferris, C., Burdick, C., and Grant, N., 2002, A look into the Val Verde Basin, Texas: The Leading Edge, **21**, 872–874.
- Kheidri, H., and Ziou, S., 2002, Structural Style of the Algerian Offshore and Its Influence on Play Types - Algeria *in* 64th Mtg. Eur. Assn. Geosci. Eng., P303.
- Kim, S., 2002a, Fourth-order compact schemes for the Helmholtz equation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1907–1910.

- , 2002b, Implicit fourth-order schemes for acoustic waveform simulation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1919–1922.
- King, A., 2002, Adding value with geophysical technology *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 500–503.
- Kirlin, R., 2001, Data covariance matrices in seismic signal processing: Recorder, **26**, 18–24.
- Klippel, O., Thoma, H., and Bode, B., 2002, Continuous Seismic Monitoring as One Way to Assess Sources of Danger in Potash and Rock Salt Mining *in* 64th Mtg. Eur. Assn. Geosci. Eng., P281.
- Knapp, S., Medley, T., Compani, B., Uden, R., and Henery, F., 2002a, Inversion of PP and PS multicomponent seismic volumes: a case history from the Gulf of Mexico *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1042–1044.
- Knapp, S., Payne, N., and Johns, T., 2001, Imaging through gas clouds: A case history in the Gulf of Mexico: Recorder, **26**, 34–38.
- , 2002b, Imaging through gas clouds: A case history in the Gulf of Mexico: Recorder, **27**, 5–12.
- Knight, R., 2002, President's Page: The Leading Edge, **21**, 424.
- Kochnev, V., Vasiliev, D., and Sidorov, V., 2002, The technique of solving 3D gravity problems *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 810–813.
- Kommedal, J. H., Ackers, M., Folstad, P. G., Gratacos, B., and Evans, R., 2002, Processing the Hod 3D multicomponent OBS survey, comparing parallel and orthogonal acquisition geometries: The Leading Edge, **21**, 795–801.
- Koren, Z., Xu, S., and Kosloff, D., 2002, Target oriented common reflection angle migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1196–1199.
- Kostyanov, S., Stoyanov, V., and Atanasova, E., 2002, Mathematical Modeling of Some Geoelectrical Fields in Archaeological Exploration *in* 64th Mtg. Eur. Assn. Geosci. Eng., P197.
- Koughnet, R. W. V., Kelly, M., Lindsay, R., and Skidmore, C. M., 2002, Prospecting with the density cube *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 257–260.
- Kovich, C. M., and Olsen, K., 2002, On the Implementation of Perfectly Matched Layers in a 3D Fourth-Order Velocity-Stress Finite-Difference Scheme *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2027–2030.
- Kozlov, E., Garagash, I., and Haidukov, V., 2002, Elasto-plastic rock model highlights pore pressure and fracturing intensity: a field example *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 605–608.

- Kraaijpoel, D., Roy-Chowdhury, K., and Snieder, R., 2002, Ray field maps in position/angle domain: concepts and construction *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1927–1930.
- Kragh, E., and Christie, P., 2002, Seismic repeatability, normalized rms, and predictability: The Leading Edge, **21**, 640–647.
- Krahenbuhl, R., and Li, Y., 2002, Gravity inversion using a binary formulation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 755–758.
- Kravchenko, J., Lebib, N., and Tregubenko, V., 2002, Search for Gold with the Help of Magnetic Prospecting in Pyrrhotine *in* 64th Mtg. Eur. Assn. Geosci. Eng., P287.
- Krieger, M., Henke, C., and Zerilli, A., 2002, Gravity and Magnetotelluric Modeling of Salt Structures for Improved Seismic Imaging *in* 64th Mtg. Eur. Assn. Geosci. Eng., P116.
- Krueger, O., Saenger, E., and Shapiro, S., 2002, Numerical Modeling of the Diffraction by Single Cracks - an Accuracy Study *in* 64th Mtg. Eur. Assn. Geosci. Eng., P247.
- Kruger, J., Smith, A., and Welhan, J., 2002, Microgravity and magnetic detection of mafic dikes, fissures, and lava tubes in basalt: potential barriers and fast-flow paths for contaminant migration within the eastern Snake River Plain, Idaho *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1440–1443.
- Kuehl, H., and Sacchi, M., 2001, Least-square wave equation migration: Recorder, **26**, 41–48.
- , 2002, Robust AVP estimation using least-squares wave-equation migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 281–284.
- Kuhl, H., and Sacchi, M. D., 2003, Traveltime formulas of near-zero-offset primary reflections for a curved 2D measurement surface: Geophysics, **68**, 255–261.
- Kuhn, O., 2000, Odyssey of oil: Recorder, **25**, 31–38.
- Kuklinsky, A., Zhukova, Y., Yakhina, M., and Vorivodina, T., 2002, The Efficiency of Combining Geophysics and Geochemistry Methods while Simulating Multilayer Oil Fields *in* 64th Mtg. Eur. Assn. Geosci. Eng., P213.
- Kuzma, H., 2002a, The kernel trick: using linear algorithms to solve non-linear geophysical problems *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2426–2428.
- , 2002b, Linear inversion, singular value decomposition and regularization: Intuition derived from digital signal processing *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2447–2450.
- Lal, H., Kale, A., Kuara, D., and Goel, A., 2002, Mode converted waves in exploration for deeper pays of North Cambay Basin, India: Evaluation with modeling *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1995–1998.

- Lamb, D., Starr, J., Diggins, C., and Marc, E., 2002, Infield Seafloor Geometry Solutions Using a Hybrid Acoustic Pinger and First Break Analysis *in* 64th Mtg. Eur. Assn. Geosci. Eng., P156.
- Lambare, G., 2002, The use of locally coherent events in depth processing: a state of the art *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2261–2264.
- Langhammer, J., Roach, P., Tvedt, T., Sognnes, H., and Froemyr, E., 2002, Multi-Component Data Application Offshore Middle East *in* 64th Mtg. Eur. Assn. Geosci. Eng., P254.
- Laurain, R., Mispel, J., and Vinje, V., 2002, Towards better amplitude maps by simulated migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1376–1379.
- Lawyer, L. C., 2002a, From the Other Side: The Leading Edge, **21**, 328.
- , 2002b, From the Other Side: The Leading Edge, **21**, 420–421.
- , 2002c, From the Other Side: The Leading Edge, **21**, 524.
- , 2002d, From the Other Side: The Leading Edge, **21**, 628.
- , 2002e, From the Other Side: The Leading Edge, **21**, 722.
- , 2002f, From the Other Side: The Leading Edge, **21**, 820.
- , 2002g, From the Other Side: The Leading Edge, **21**, 956.
- Leaney, W., 2002, Anisotropic vector wavefield decomposition for 3D VSP data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2369–2372.
- Lee, S., Song, Y., Kim, J.-H., and Chung, S.-H., 2002, Two-Dimensional Inversion of MT Data with Topography *in* 64th Mtg. Eur. Assn. Geosci. Eng., P194.
- Lelievre, P., and Oldenburg, D., 2002, Magnetic forward modeling and inversion for materials of high susceptibility *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 739–742.
- Levin, S., 2002, Prestack poststack 3D multiple prediction *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2110–2113.
- Levin, S. A., and de Hoop, M., 2002a, Challenges of complex media: The Leading Edge, **21**, 587–592.
- , 2002b, Extracting information from geophysical, medical, and space images: The Leading Edge, **21**, 593–598.
- Li, J., Liu, J., and Xie, G., 2002a, 2.5 Dimensional gild electromagnetic modeling and applications *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 692–695.
- Li, J., and Pham, D., 2002, Land data migration from rugged topography *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1137–1139.

- Li, Q., and Wang, J., 2002, Gridding of geophysical field data using finite element methods *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 766–769.
- Li, X., 2002a, On the use of different methods for estimating magnetic depth *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 720–723.
- Li, X., Liu, Y., Liu, E., and Shen, F., 2002b, Fracture detection using land 3D seismic data from the Yellow-River Delta, China *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 585–588.
- Li, X.-Y., Wei, X.-C., Liu, E., Li, X.-Z., Shi, S.-Q., and Zeng, X.-B., 2002c, Integrated Analysis of Seismic Response of Gas Reservoirs in Ordos Basin *in* 64th Mtg. Eur. Assn. Geosci. Eng., P255.
- Li, Y., 2002b, A new method for converted wave statics correction *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 979–981.
- Li, Y., Faw, D., Jackson, J., and Dushman, D., 2002d, Imaging of a salt face and truncating updip sands using offset VSP (OVSP) and a salt proximity survey (SPS) in the Gulf of Mexico *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2349–2352.
- Li, Y., Hunt, L., and Downton, J., 2000, Does the physics of an exploration play support AVO analysis in prospect evaluation?: Recorder, **25**, 23–26.
- Li, Y., and Pickford, S., 2002, Anisotropic well logs and their applications in seismic analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2459–2462.
- Li, Y., Pickford, S., and Goodway, W., 2002e, Recent advances in application of AVO in carbonate reservoirs: calibration and interpretation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 269–272.
- Li, Y., Zhou, R., Tang, X., Jackson, J., and Patterson, D., 2002f, Single-Well Imaging with Acoustic Reflection Survey at Mounds, Oklahoma, USA *in* 64th Mtg. Eur. Assn. Geosci. Eng., P141.
- Li, Z., and Li, B., 2002, Detect oil and gas by heat-conduction logging techniques *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 384–387.
- Li, Z., Mathias, M., Schultz, P., Cloudy, J., Barker, C., Kenney, D., Westcott, M., and Hawkins, J., 2002g, Pre-stack Kirchhoff depth imaging in Deepwater, Gulf of Mexico *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1312–1315.
- Lindsay, R., and Bocanegra, D., 2002, Sand Thickness Prediction from Band-limited Seismic Attributes using Neural Networks: Oriente Basin, Ecuador *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2451–2454.
- Lindseth, R. O., and Foster, R., 2002, Correcting a false assumption offshore Brunei: The Leading Edge, **21**, 536–540.
- Liner, C. L., 2002a, Seismic processing 19822002: The Leading Edge, **21**, 520–521.

- , 2002b, Seismos: Brian Greene: The Leading Edge, **21**, 574–575.
- Lines, L., 2002a, Seismic monitoring of hot and cold heavy oil production *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1666–1668.
- Lines, L., Brittle, K., Watson, I., and Cary, P., 2001a, Aliasing for the layperson: Recorder, **26**, 10–16.
- Lines, L., Lawton, D., and Gray, S., 2000, Depth imaging of foothills seismic data: Recorder, **25**, 3–4.
- Lines, L., Rushton, S., Lawton, D., and Gray, S., 2001b, Depth imaging - If we could turn back time: Recorder, **26**, 28–31.
- Lines, L. R., 2002b, Foundation supports Calgary's continuing education center: The Leading Edge, **21**, 740.
- Liotta, D., Brogi, A., Lazzarotto, A., and Nicolich, R., 2002, Extensional Brittle Shear Zones and Deep Seated Granitoid in the Larderello Field *in* 64th Mtg. Eur. Assn. Geosci. Eng., P307.
- Liu, E., Li, X., Queen, J., Lynn, H., Chapman, M., and Chesnokov, E., 2002a, Analysis of fracture-dependent seismic anisotropy from a multicomponent VSP *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 101–104.
- Liu, F., Stolt, R., Hanson, D., and Day, R., 2002b, Plane wave source composition: An accurate phase encoding scheme for prestack migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1156–1159.
- Liu, Y., and Sacchi, M., 2002, De-multiple via a fast least squares hyperbolic radon transform *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2182–2185.
- Liu, Y., and Sun, H., 2002, Least-squares wavepath migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1208–1211.
- Liu, Z., Castagna, J., Zhang, X., and Li, Y., 2002c, Rock parameter modeling using well and prestack depth migration data by neural networks *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 967–970.
- Lockwood, A., 2002, Real time inversion of multichannel DC/IP data through conductive overburden *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 504–507.
- Lockwood, R., Murray, T., Stuart, G., and Scudder, L., 2002, Leak Location Using the Frequency Domain Electromagnetic Method *in* 64th Mtg. Eur. Assn. Geosci. Eng., P276.
- Lohva, J., and Sarapaa, O., 2002, Geophysical Investigations of the Hyypimki Calcite Marble Deposit, Southwestern Finland *in* 64th Mtg. Eur. Assn. Geosci. Eng., P283.
- Loretto, T., 2002, On porosity prediction from seismic data in Ghawar field, Saudi Arabia *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1797–1800.

- Lou, M., Pham, D., and Lee, S., 2002a, Anisotropic Parameters Estimation from P- and PS-Converted Wave Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., P138.
- Lou, M., Pham, D., and Willis, J., 2002b, Anisotropic parameter estimation from joint P- and C-wave data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1045–1048.
- Loures, L., and Moraes, F., 2002, Reservoir porosity inference *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1809–1812.
- Lu, C., Lu, R., Willen, D., and Nayvelt, L., 2002, Flower Plot: A new tool for smart survey design *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 45–47.
- Lu, S., and McMechan, G., 2002, Elastic impedance inversion of multi-channel seismic data to detect gas hydrate and free gas *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 293–296.
- Lueck, E., Eisenreich, M., and Spangenberg, U., 2002, Geophysical Prospecting of Archaeological Sites within Settlements *in* 64th Mtg. Eur. Assn. Geosci. Eng., P152.
- Lumley, D. E., 2002a, Synergies in geophysical, medical, and space imaging: The Leading Edge, **21**, 576–577.
- , 2002b, Synergies in time-lapse seismic, medical, and space imaging: The Leading Edge, **21**, 599–606.
- Luo, M., and Evans, B., 2002, Imaging fractures and faults from 3D VSP(s) *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2389–2392.
- Luo, Y., Alfaraj, M., and Marhoon, M. I., 2002, Integration of new technologies for improving interpretational seismic resolution *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2130–2133.
- Lygren, M., Dahl, G., Fagervik, K., Nickel, M., Borgos, H., Skov, T., Hettelid, A., Berge, G., and Sonneland, L., 2002a, Use of Reservoir Flow Models in Quantitative 4D Analysis *in* 64th Mtg. Eur. Assn. Geosci. Eng., P313.
- Lygren, M., Lindeberg, E., Bergmo, P., Dahl, G., Halvorson, K., Randen, T., and Sonneland, L., 2002b, History matching of CO₂ flow models using seismic modeling and time-lapse data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1677–1680.
- Lynn, H., 2002a, A lifestyle of learning, growth, change, and affirmation: The Leading Edge, **21**, 744–745.
- Lynn, W., 2002b, President's Page: The Leading Edge, **21**, 330–332.
- , 2002c, President's Page: The Leading Edge, **21**, 958–959.
- Ma, Z., Chen, J., and Wang, H., 2002, Quantitative estimation of seismic imaging resolution *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2281–2284.
- MacBeth, C., 2002, The dry-frame pressure sensitivity of sandstone *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1850–1853.

- MacBeth, C., and Pickup, G., 2002, Estimation of directional permeability in fractured reservoirs - concepts and applications *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 97–100.
- MacBeth, C., Reid, F., McNally, A., Garnham, J., and Redondo-Lopez, T., 2002, 4D signatures of OWC movement on the Nelson Field - modeling and interpretation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1704–1707.
- Machhour, L., Sizun, J.-P., Richard, J., Gaviglio, P., and Vandycke, S., 2002, Origin and Variations of Reservoir Characteristics in the Chalk Deposits *in* 64th Mtg. Eur. Assn. Geosci. Eng., P216.
- MacKay, S., and Fried, J., 2002, Removing distortions caused by water velocity variations: Method for dynamic correction *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2074–2077.
- Majer, E., Queen, J., Daley, T., Lynn, H., Coates, R., Cox, D., Myer, L., Nakagawa, S., Murphy, J., and Fortuna, M., 2002a, Scaling between logs, single well, VSP and surface seismic for fracture quantification in naturally fractured gas reservoirs *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2381–2384.
- Majer, E., Williams, K., Peterson, J., and Daley, T., 2002b, Application of high resolution crosswell radar and seismic for mapping flow in the vadose zone *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1460–1463.
- Malcolm, A., de Hoop, M., and Rousseau, J. L., 2002a, DMO/AMO in the presence of caustics *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2265–2268.
- Malcolm, A., Hoop, M. D., and Rousseau, J. L., 2002b, DMO/AMO in the Presence of Caustics *in* 64th Mtg. Eur. Assn. Geosci. Eng., P266.
- Mallick, S., and Dutta, N. C., 2002, Shallow water flow prediction using prestack waveform inversion of conventional 3D seismic data and rock modeling: The Leading Edge, **21**, 675–680.
- Mancini, F., Li, X., Ziolkowski, A., and Pointer, T., 2002, Interpreting velocity ratios from 4C seismic data and well logs in the presence of gas and anisotropy *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1002–1005.
- van Manen, D., Paulssen, H., Curtis, A., Ferber, R., and Robertsson, J., 2002, Shear-wave statics using receiver functions *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1412–1415.
- Manning, P., and Margrave, G., 2002, The effect of shallow conditions on seismic records, a finite-difference model study *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1999–2002.
- Manstein, Y., and Manstein, A., 2002, Electromagnetic Induction Frequency Sounding as a Part of Geophysical Complex Work on Cichah-1 Settlement, Western Siberia *in* 64th Mtg. Eur. Assn. Geosci. Eng., P273.

- Margrave, G., Sacchi, M., Lamoureux, M., and Iliescu, V., 2002, Gabor deconvolution of seismic data for source waveform and Q correction *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2190–2193.
- Mariita, N., 2002, Conceptual model of Olkaria Geothermal Field, Kenya: a reinterpretation of geophysics data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 492–495.
- Martin, G., Larsen, S., and Marfurt, K., 2002, Marmousi-2: an updated model for the investigation of AVO in structurally complex areas *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1979–1982.
- Martinez, R., and Lee, S., 2002, A strategy for anisotropic P-wave prestack imaging *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 149–152.
- Martins, J., 2002, An approach for elastic impedance in weakly anisotropic media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 185–188.
- van Mastrigt, P., Vaage, S., Dunn, M., and Pramik, W., 2002, Improvements in 3-D marine acquisition using continuous long offset (CLO): The Leading Edge, **21**, 394–395.
- Mateeva, A., Hart, D., and MacKay, S., 2002, Apparent attenuation from short-period multiples and intrinsic absorption in the seismic wavelet model *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2198–2201.
- Matos, M., and Osorio, P., 2002, Wavelet Transform Filtering in the 1D and 2D for Ground Roll Suppression *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2245–2248.
- Matson, K., and Xia, G., 2002, Combining free-surface multiple attenuation with wavefield continuation to attenuate 3D free-surface multiples on multicomponent ocean-bottom seismic data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 998–1001.
- Matsubara, Y., Yamamoto, M., Nobuoka, D., and Kaida, Y., 2002, High-resolution shallow seismic reflection using a portable S-wave vibrator *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1618–1621.
- Matsuoka, T., Ashida, Y., Watanabe, T., and Murakami, H., 2002a, Air flow visualization and resistivity monitoring in soil for environmental remediation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1630–1633.
- Matsuoka, T., Huyen, B., Ashida, Y., and Moteki, M., 2002b, Application of 3D shear-wave seismic for evaluating a superlevee: The Leading Edge, **21**, 921–922.
- Matsuoka, T., Wakatuki, Z., and Ashida, Y., 2002c, Simulation of Destruction Phenomena Caused by Elastic Waves *in* 64th Mtg. Eur. Assn. Geosci. Eng., P285.
- Matteucci, G., Burtz, O., and Meyer, W., 2002a, Model-based calibration of band-limited impedance data: Hoover Field *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1735–1738.

- Matteucci, G., Zimmerman, L., and Deal, M., 2002b, Bellocchio: A new technique for detecting and mitigating artifacts from seismic data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1519–1522.
- Maultzsch, S., Horne, S., Archer, S., and Burkhardt, H., 2002, Effects of an HTI Overburden on P-Wave Amplitudes *in* 64th Mtg. Eur. Assn. Geosci. Eng., P245.
- , 2003, Effects of an anisotropic overburden on azimuthal amplitude analysis in horizontal transverse isotropic media: *Geophys. Prosp.*, **51**, 61–74.
- Maurer, H., Hauck, C., Musil, M., and Green, A., 2002, High-resolution geophysical surveying of Alpine permafrost - a review *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1476–1479.
- Maxwell, P., 2000, 3-C digital sensor: Recorder, **25**, 18–18.
- Mazur, M., Stewart, R., and Hildebrand, A., 2000, The seismic signature of meteorite impact craters: Recorder, **25**, 10–16.
- McClellan, J., Schleppe, J., Huff, D., and Srajer, P., 2000, Kodiak asset management for land exploration: Recorder, **25**, 54–54.
- McClellan, P., and Hawkes, C., 2000, Using in-situ stress and rock mechanical properties to plan your best well trajectory with STABview: Recorder, **25**, 6–7.
- Meadows, M., Adams, D., Wright, R., Lumley, D., Tura, A., and Cole, S., 2002, Rock physics analysis for time-lapse seismic at Schiehallion Field, North Sea *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1743–1746.
- Meek, R., Anno, P., Brewer, J., and Coral, M., 2002, Anisotropic velocity model building and updating for prestack depth migration in Indonesia *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 145–148.
- Mehanee, S., and Zhdanov, M., 2002, 3D finite difference iterative migration of the electromagnetic field *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 657–660.
- Meju, M. A., 2002, Environmental geophysics: Conceptual models, challenges, and the way forward: *The Leading Edge*, **21**, 460–464.
- Melboe, A., van Manen, D., and Robertsson, J., 2002, PZ calibration by applying the equation of motion to critically refracted waves *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1030–1033.
- Meldahl, P., Najjar, N., Oldenziel-Dijkstra, T., and Ligtenberg, H., 2002, Semi-Automated Detection of 4D Anomalies *in* 64th Mtg. Eur. Assn. Geosci. Eng., P315.
- Mendonca, C., 2002, DC survey design based on the face-current concept *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1614–1617.
- Menyoli, E., Gajewski, D., and Huebscher, C., 2002a, Time migrated CRS images of complex inverted basin structures *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2054–2057.

- Menyoli, E., Patzig, R., and Gajewski, D., 2002b, Imaging of Inverted Basin In-Fill with the CRS-Stacking Method *in* 64th Mtg. Eur. Assn. Geosci. Eng., P168.
- Mershchiy, V., Kostyukevych, A., and Lisny, G., 2002, Full-Wave Modelling of Effects Caused by the Flanks of Salt Dome *in* 64th Mtg. Eur. Assn. Geosci. Eng., P262.
- Meunier, J., and Bianchi, T., 2002, Harmonic noise reduction opens the way for array size reduction in vibroseis operations *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 70–73.
- Meyer, C., and Ullrich, B., 2002, The Concept of Complex Geophysics and Its Application in Pompeji *in* 64th Mtg. Eur. Assn. Geosci. Eng., P274.
- Mikhailenko, B. G., Mikhailov, A. A., and Reshetova, G., 2003, Numerical viscoelastic modeling by the spectral Laguerre method: *Geophys. Prosp.*, **51**, 37–48.
- Mikhailov, V., Galdeano, A., Diamant, M., Gvishiani, A., Agayan, S., Bogoutdinov, S., Gravea, E., and Sailhac, P., 2003, Application of artificial intelligence for Euler solutions clustering: *Geophysics*, **68**, 168–180.
- Milkereit, B., Bohlen, T., Adam, E., and Banerjee, D., 2002, Reservoir Imaging and Monitoring - a Modeling Study *in* 64th Mtg. Eur. Assn. Geosci. Eng., P261.
- Miller, R., Clough, J., Barker, C., and Davis, J., 2002, High-resolution seismic reflections to delineate coal beds \approx 350 m deep, with some \approx 3 m thick, under Fort Yukon, Alaska *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1488–1491.
- Min, D.-J., Shin, C., Yoo, H., Hong, J., and Park, M.-K., 2002, Free Surface Boundary Condition in Finite-Difference Elastic Wave Modeling *in* 64th Mtg. Eur. Assn. Geosci. Eng., P264.
- Mittet, R., 2002a, Explicit 3D depth migration with a constrained operator *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1148–1151.
- , 2002b, Migration of nonregular data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1276–1279.
- Monger, J., and Price, R., 2002, The Canadian Cordillera: Geology and tectonic evolution: *Recorder*, **27**, 17–36.
- Monk, D., 2002, Lena: A seismic model: *The Leading Edge*, **21**, 438–444.
- Monsen, E., and Odegard, J., 2002, Seismic texture analysis by curve modelling with applications to facies analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 617–620.
- Montoya, P., Fisher, W., Marrett, R., and Tatham, R., 2002, Estimation of fracture orientation and relative intensity using azimuthal variation of P-wave AVO responses and oriented core data in the Tacata Field, Venezuela *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 261–264.

- Moret, G., Clement, W., and Knoll, M., 2002, Curved-ray travelttime inversion of shallow vertical seismic profiles *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1575–1578.
- Morosanu, E., 2002, Post Jurassic Tectonic History and Geodinamics of the Black Sea Region *in* 64th Mtg. Eur. Assn. Geosci. Eng., P126.
- Morris, B., Leblanc, G., and Prevec, L., 2002, An alternative simple procedure to identify magnetic and other geophysical anomalies due to kimberlite pipes *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 712–715.
- Morton, G., Dobb, A., Conway, P., and McHugo, S., 2002, Acquisition of high-frequency seismic data and its implications for reservoir management of the Murchison field, U.K. North Sea - A case study *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 548–551.
- Mosher, C., Wu, R., and Foster, D., 2002, Phase shift migration with orthogonal beamlet transforms *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1332–1335.
- Mousatov, A., and Pervago, E., 2002, Azimuthal anisotropy estimation with electrical sondes applying harmonic decomposition *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 700–703.
- Mousatov, A., Shevnin, V., and Pervago, E., 2002, Anisotropy determination in heterogeneous media by tensor measurements of the electric field *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1444–1447.
- Mueller, T., Shapiro, S., and Sick, C., 2002, A hybrid scattering Q model for randomly layered structures with finite lateral extent *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2253–2256.
- Mueller, W., and Hoffmann, N., 2002, Magnetotelluric Measurements in the North German Basin *in* 64th Mtg. Eur. Assn. Geosci. Eng., P111.
- Muijs, R., 2002, P/vz-calibration of multicomponent seabed data for wavefield decomposition *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1026–1029.
- Mukerji, T., 2002, Understanding amplitude anomalies and pitfalls in offshore Venezuela *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2439–2442.
- Mukhopadhyay, P., Inggs, M., Wilkinson, A., and Lord, R., 2002, Three-dimensional borehole radar imaging using synthetic aperture time-domain focusing *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 336–339.
- Mulder, W., Fehmers, G., and Plessix, R., 2002, Another tube wave filter, based on semblance and correlation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2237–2240.
- Mustoe, N., 2002, Close-order magnetic surveys as tools in assessing environmental conditions, with examples from two sites in Utah *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1436–1439.

- Nakagawa, S., Myer, L., and Nihei, K., 2002, Numerical simulation of 3D elastic wave scattering off a layer containing parallel periodic fractures *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1967–1970.
- Nedimovic, M. R., and West, G. F., 2003a, Crooked-line 2D seismic reflection imaging in crystalline terrains: Part 1, data processing: *Geophysics*, **68**, 274–285.
- , 2003b, Crooked-line 2D seismic reflection imaging in crystalline terrains: Part 2, migration: *Geophysics*, **68**, 286–296.
- Negulescu, E. S., and Tanasa, M., 2002, New Data on Neogene Stratigraphy of Romanian Carpathians Foreland and Hydrocarbon Prospect *in* 64th Mtg. Eur. Assn. Geosci. Eng., P208.
- Neill, R., Pessoa, M., and Kean, A., 2002, Optimizing air gun arrays for shallow water and transition zone seismic acquisition *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 67–69.
- Newrick, R., and Lawton, D., 2002, Turning rays or velocity anisotropy? An adventure in VSP travelttime inversion *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 157–160.
- Newrick, R., Lawton, D., and Spratt, D., 2000, Inversion of multi-offset VSP traveltimes for anisotropic parameters: Plains example: *Recorder*, **25**, 27–30.
- Nguyen, S., Noble, M., Thierry, P., and Baina, R., 2002a, Tomography picking in the depth migrated domain using migration of attributes *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 963–966.
- Nguyen, T., Castagna, J., and Day, R., 2002b, Stable explicit wavefield extrapolation using recursive operators *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1140–1143.
- Nihei, K., Nakagawa, S., Myer, L., and Majer, E., 2002, Finite difference modeling of seismic wave interactions with discrete, finite length fractures *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1963–1966.
- Novais, A., and Santos, L., 2002, 2.5D Finite-Difference Solution of the Acoustic Wave Equation *in* 64th Mtg. Eur. Assn. Geosci. Eng., P263.
- Novascone, S., 2002, Driving point impedance and physical properties *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2467–2470.
- Nowak, E., 2002, Object-based stochastic facies inversion: application to the characterization of fluvial reservoirs *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1805–1808.
- Nyland, D., 2002, Water column pressures induced by vibrators operating on floating ice: *The Leading Edge*, **21**, 751–754.

- Nyquist, J. E., and Corry, C. E., 2002, Self-potential: The ugly duckling of environmental geophysics: *The Leading Edge*, **21**, 446–451.
- Obilo, J., and De-Bazelaire, E., 2002, Thin layer and velocity gradient AVA anomaly: Modeling and applications *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 237–240.
- Obilo, J., Perroud, H., De-Bazelaire, E., and Rappin, D., 2002, Velocity gradient phase filtering I: Normal incidence modelling and implications *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 2158–2161.
- O'Brien, J., Mallick, B., Lakings, J., and Barberan, C., 2002, Locating the salt flank using borehole seismic techniques *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 2345–2348.
- Odegaard, E., 2002, The 'sparse layer transform': An interpretation tool *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 468–471.
- Ohanian, V., Carcione, J., and Snyder, T., 2002, Explicit imaging expressions for weak horizontal transverse isotropy *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 153–156.
- Okubo, Y., 2002, Remote-sensing survey for coastal environmental change in Asia *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 2435–2438.
- Oldenburg, D. W., and Li, Y., 2003, Discussion On "3-D inversion of gravity and magnetic data with depth resolution" (Maurizio Fedi and Antonio Rapolla, *Geophysics*, **64**, 452461): *Geophysics*, **68**, 400–403.
- Oldenziel, T., van Dithuijzen, R., and van Kruijsdijk, C., 2002a, Geologic parameterization of reservoir model enhances history-match procedure: *The Leading Edge*, **21**, 544–551.
- Oldenziel, T., Meldahl, P., Ligtenberg, H., Digranes, P., and Stronen, L., 2002b, Multi-attribute analysis of 4D anomalies using pattern recognition technology *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1766–1769.
- Onishi, K., Rokugawa, S., and Kato, Y., 2002, The estimation of subsurface carbon stocks for the Kyoto Protocol by ground-penetrating radar *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1626–1629.
- Osmond, R., Ravenhurst, W., Foley, C., Leslie, K., and Watts, A., 2002, Finding nickel from the B-Field at Raglan—'To B or not to B' *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 404–407.
- von der Osten-Woldenburg, H., Chaume, B., and Reinhard, W., 2002, Magnetic imaging of a late Bronze Age tumulus in France before and during excavation: *The Leading Edge*, **21**, 465–466.

- Ostermeier, R., Pelletier, J., Winker, C., Nicholson, J., Rambow, F., and Cowan, K., 2002, Dealing with shallow-water flow in the deepwater Gulf of Mexico: The Leading Edge, **21**, 660–668.
- Paffenholz, J., McLain, B., Zasko, J., and Keliher, P., 2002, Subsalt multiple attenuation and imaging: Observations from the Sigsbee2B synthetic dataset *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2122–2125.
- Pankhurst, D., Hilterman, F., Gallagher, J., Sullivan, C., Marfurt, K., and Zhou, H., 2002, Long Offset AVO in a Mid-Continent Tight Gas Sand Reservoir *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 297–299.
- Park, C., Ryden, N., Westerhoff, R., and Miller, R., 2002, Lamb waves observed during MASW surveys *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1400–1403.
- Parney, R., LaPointe, P., and Hermanson, J., 2002, Interpreting seismic anisotropy and AVO for the characterization of natural fracture patterns in the Wind River Basin, Wyoming. *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 536–539.
- Parra, J., and Hackert, C., 2002a, Permeability and porosity images based on crosswell reflection seismic measurements of a vuggy carbonate aquifer at the Hillsboro site, South Florida *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2397–2400.
- Parra, J. O., and Hackert, C., 2002b, Wave attenuation attributes as flow unit indicators: The Leading Edge, **21**, 564–572.
- Parrish, J., 2002, Signature after predictive deconvolution *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2194–2197.
- Pashakhanlou, F., and Hafizi, M., 2002, Correlation between VES and Hydrogeological Variables *in* 64th Mtg. Eur. Assn. Geosci. Eng., P277.
- Pasion, L., Billings, S., and Oldenburg, D., 2002, Evaluating the effects of magnetic soils on TEM measurements for UXO detection *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1428–1431.
- Pasteka, R., and Richter, P., 2002, A Simple Approach to Regularized Gradients Calculation in Gravimetry and Magnetometry *in* 64th Mtg. Eur. Assn. Geosci. Eng., P118.
- Peace, D., Schofield, J., Orange, A., Servodio, R., Lansdell, R., and Woodfin, M., 2002, Marine magnetotelluric exploration helps unravel secrets of the Faroe Islands *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 600–600.
- Pech, A., Tsvankin, I., and Grechka, V., 2002, Quartic moveout coefficient: 3D description and application to tilted TI media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 201–204.
- Pecholcs, P., Hastings-James, R., Maddison, B., and Al-Ramadhan, A., 2002, Universal land acquisition 14 years later *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 56–59.

- Pedersen, S., Randen, T., Sonneland, L., and Steen, O., 2002, Automatic fault extraction using artificial ants *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 512–515.
- Pei, Z., Mu, Y., Di, B., and Wei, J., 2002, Crosshole seismic tomography method for complicated structure model *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 949–952.
- Peirce, J., Sander, S., Charters, R., and Lavoie, V., 2002, Turner Valley, Canada - a case history in contemporary airborne gravity *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 783–786.
- Peksen, E., and Zhdanov, M., 2002, Apparent resistivity correction for tensor induction well logging in a deviated well in an anisotropic medium *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 308–311.
- Pendrel, J., and Riel, P. V., 2000, Effect of well control on constrained sparse spike seismic inversion: Recorder, **25**, 18–26.
- Pene, C., 2002, The Study of Tectonics of the Syria North-East in Connection with the Hydrocarbon Bearing Prognosis *in* 64th Mtg. Eur. Assn. Geosci. Eng., P128.
- Peng, C., 2002a, Improving depth migration velocity model with residual reflection tomography *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 822–825.
- , 2002b, Practical aspects of wave equation migrations *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1288–1291.
- Peng, C., and Bednar, J., 2002, In search of better wave equation migration methods *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1240–1243.
- Peng, C., and DeMartini, D., 2002, Reality checks with elastic modeling *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1983–1986.
- Perrell, S. M., and Young, T. K., 2002, President's Page: The Leading Edge, **21**, 630–631.
- Perz, M., 2001, Coals and their confounding effects: Recorder, **26**, 34–53.
- Petrick, W., 2002, Data considerations for 3D resistivity and induced polarization inversion *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 673–675.
- Pettingill, H. S., and Weimer, P., 2002, Worldwide deepwater exploration and production: Past, present, and future: The Leading Edge, **21**, 371–376.
- Pezzot, E., and Visser, S., 2002, Geophysical exploration of the Tambo Grande massive sulphide deposits *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 400–403.
- Phillips, J., 2002, Two-step processing for 3D magnetic source locations and structural indices using extended Euler or analytic signal methods *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 727–730.

- Piedrahita, C., Tygel, M., and Santos, L., 2002, Applications of Automata Theory to Ray Tracing *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2011–2014.
- Pigram, C., Jaques, A. L., and Lambert, I. B., 2002, Mineral Exploration: What should we look for, where should we look for new deposits, and what should we use in the search?: Preview, 27–33.
- Pinnegar, C., and Mansinha, L., 2003, The S-transform with windows of arbitrary and varying shape: *Geophysics*, **68**, 381–385.
- Pirajno, F., and Hawke, P., 2002, Geophysical character of the Shoemaker Impact Structure: Preview, 55–57.
- Pisetski, V., and Englet, K., 2002, Hydrocarbon accumulation controls - Seismic definition of pressure distribution fields in a Paleozoic carbonate reservoir *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1901–1902.
- Plessix, R., and Mulder, W., 2002, Amplitude-preserving finite-difference migration based on a least-square formulation in the frequency domain *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1212–1215.
- Popovici, A., Bevc, D., Crawley, S., and Biondi, B., 2002, 3D Seismic Imaging for the 21st Century - Common Azimuth Wave-Equation Migration and MVA *in* 64th Mtg. Eur. Assn. Geosci. Eng., P258.
- Pospeyeva, Y., 2002, Tectonosphere of Eastern Siberia According to Results of Abyssal MTS *in* 64th Mtg. Eur. Assn. Geosci. Eng., P195.
- Powers, M. H., 2002, SEG 2002 Technical Program: The Leading Edge, **21**, 573.
- Prasad, M., 2003, Velocity-permeability relations within hydraulic units: *Geophysics*, **68**, 108–117.
- Primiero, P., 2002, Frequency Domain Waveform Imaging Using Wide-Angle Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., P178.
- Prucha-Clapp, M., and Biondi, B., 2002, Subsalt event regularization with steering filters *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1176–1179.
- Pruden, D., 2002, Extracting meaningful geologic parameters using multiple attribute analysis on AVO derived Lam? rock parameter inversions: 3D seismic case study from southern Alberta, Canada *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 560–563.
- Qian, W., West, G., Hughes, W., and Ravenhurst, W., 2002, EM Modeling of a Plate Conductor Revisited *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1097–1100.
- Qu, S., Ji, Y., and Xin, W., 2002, Fracture detection by using full azimuth P-wave attributes *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 181–184.

- Queralt, P., Ledo, J., and Jones, A., 2002, Deep electromagnetic imaging of the Bathurst No. 12 deposit: 3D forward modeling, 2D inversion and sensitivity tests *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 484–487.
- Rader, B., and Medvin, E. A., 2002, Shallow hazard detection in the near surface, a coherence cube processing application: The Leading Edge, **21**, 672–674.
- Ralston, M., and Steeples, D., 2002, Automated orientation of three-component shallow seismic land data to source-centered cylindrical coordinates *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1420–1423.
- Ramos-Martinez, J., Calderon-Macias, C., and Cabrera-Garzon, R., 2002, Numerical modeling of seismic amplitudes for nonvertical fractured media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 177–180.
- Rappin, D., De-Bazelaire, E., Magendie, J., Deplante, C., and Hope, R., 2002, Large aperture focusing applied to deep offshore Nigeria *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2309–2312.
- Rasmussen, H., Strand, T., Clausen, C., and Boisse, L., 2002, Depositional and Production Related Anisotropies in the Ekofisk Chalk Reservoir *in* 64th Mtg. Eur. Assn. Geosci. Eng., P217.
- Rasolofosaon, P., 2002, The Azimuthally Dependent Anisotropy Parameter Transformation (ADAPT) for P-Wave Kinematics *in* 64th Mtg. Eur. Assn. Geosci. Eng., P131.
- Rasolofosaon, P., Mari, J., Cabrera, J., and Volant, P., 2002, Measurement of Seismic Anisotropy and Fracture Characterization of Tournemire Shale *in* 64th Mtg. Eur. Assn. Geosci. Eng., P147.
- Raum, T., Mjelde, R., Myhren, B., Enoksen, T., and Kravik, K., 2002, Increased Crustal Resolution - Vring Volcanic Margin *in* 64th Mtg. Eur. Assn. Geosci. Eng., P175.
- Ravalec-Dupin, M. L., Kretz, V., and Rogerro, F., 2002, History-Matching Reservoir Models with Both Production and 4D Seismic Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., P312.
- Ravat, D., Kirkham, K., and Hildenbrand, T. G., 2002, A source-depth separation filter: Using the Euler method on the derivatives of total intensity magnetic anomaly data: The Leading Edge, **21**, 360–365.
- Ravaut, C., Operto, S., Virieux, J., and Hustedt, B., 2002, Seismic Tomography from Surface Wide-Angle Data by Combined Traveltime and Frequency-Domain Waveform Inversions *in* 64th Mtg. Eur. Assn. Geosci. Eng., P163.
- Ray, A., Pfau, G., and Chen, R., 2002, Raytrace modeling helped in the discovery of Thunder Horse North field in the Gulf of Mexico *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 465–467.

- Reed, L., 2002, Forward and inverse 3D modelling of density and gravity data at Les Mines Selbaie, Quebec, Canada *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2429–2430.
- Reilly, J., 2002, 3D prestack data mining to meet emerging challenges *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 476–479.
- Rejiba, F., and Camerlynck, C., 2002, FDTD algorithm and simulation for pipes detection in random-dispersive media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1579–1582.
- Reynozo, D., 2002, Management and execution of a large land 3D seismic survey in Java *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2409–2412.
- Rice, S., and Gibson, D., 2002, Reviewing our environmental/cultural progress: The Leading Edge, **21**, 894–895.
- Richards, D., 2000, Fractured reservoirs: Recorder, **25**, 12–12.
- Richardson, L., Wynne, P., and Hone, I., 2002, Geophysical data sets over the continental Australia: Preview, 48–54.
- Richardson, S., and Lawton, D., 2002, Time-lapse imaging of CO₂ injection into coalbed methane strata; a numerical modeling study *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1991–1994.
- Rickett, J., Mosher, C., and Martin, H., 2002, Improving the amplitude fidelity of Radon demultiple *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2082–2085.
- Rietveld, W., and Summers, T., 2002, Prestack depth imaging: from exploration through to production *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1300–1303.
- Rivers, J., Terry, J., Doll, W., and Nyquist, J., 2002, Investigations into the origin of magnetic soils on the Oak Ridge Reservation, Oak Ridge, TN *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1606–1609.
- Rodnikov, A., 2002, Deep Structure Analysis of Sedimentary Basins of the Marginal and Inner Seas *in* 64th Mtg. Eur. Assn. Geosci. Eng., P207.
- Roelofsen, J., Cadel, G., Arbouille, D., and Aliverti, E., 2002, BASE - a New Tool for Basin Analysis and Visualization of Geological Processes *in* 64th Mtg. Eur. Assn. Geosci. Eng., P122.
- Roganov, Y., 2002, Behaviour of Quasi-Shear Waves in Orthorhombic Media *in* 64th Mtg. Eur. Assn. Geosci. Eng., P246.
- Rommel, B., 2002, Uncertainty of AVO inversion for survey evaluation and design *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 273–276.

- Ronghe, S., and Pambayuning, S., 2002, Depth-induced impedance variations in reservoir sands: implications for predicting lithology and fluid distributions offshore Brunei Darussalam: *The Leading Edge*, **21**, 388–393.
- Rosales, D., Biondi, B., and Sava, P., 2002, Stolt prestack residual migration for converted waves *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 986–989.
- Rossi, G., Picotti, S., Baradello, L., Bolcato, S., Bratus, A., and Wardell, N., 2002, Geophysical integrated approach to the study of an aquifer in a Karstic area *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1480–1483.
- Rosten, T., van Manen, D., Amundsen, L., and Robertsson, J., 2002, Optimal nonrecursive and recursive spatial filters for demultiple of OBS data *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1022–1025.
- Rothert, E., and Shapiro, S., 2002, Microseismic monitoring of borehole fluid injections: Data modeling and inversion for hydraulic properties of rocks *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1754–1757.
- Roueff, A., Chanussot, J., Mars, J., and Canadas, G., 2002a, Stacking in the time-scale plane *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 2317–2320.
- Roueff, A., Mars, J., and Chanussot, J., 2002b, Efficient oblique polarization filter with cross scalogram *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1069–1072.
- Roy, I., Varela, O., Sen, M., and Torres-Verdin, C., 2002a, Prestack inversion of a Gulf of Thailand data set *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 914–917.
- Roy, L., Shaw, R., and Agarwal, B., 2002b, Inversion of gravity anomalies over sedimentary basins: Applications of genetic algorithm and simulated annealing *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 747–750.
- Royle, A., 2002, Exploitation of an oil field using AVO and post-stack rock property analysis methods *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 289–292.
- Ruiz-Reyes, J., de La Paz, C. P., and Herring, A., 2002, Determination of ground water salinity from time-domain electromagnetic soundings, Hermosillo, Mexico *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 1602–1605.
- Rusk, D., Bennett, K., and Mohn, K., 2002, Petroleum Systems in Offshore Sierra Leone and Liberia *in 64th Mtg. Eur. Assn. Geosci. Eng.*, P204.
- Russell, B., and Hedlin, K., 2001, Fluid property discrimination with AVO, a Biot-Gassmann perspective: *Recorder*, **26**, 61–65.
- Russell, B., Hedlin, K., Hilterman, F., and Lines, L. R., 2003, Fluid-property discrimination with AVO: A Biot-Gassmann perspective: *Geophysics*, **68**, 29–39.
- Russell, B., Ross, C., and Lines, L., 2002, Neural Networks and AVO *in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.*, 229–232.

- Rutledge, J., and Phillips, W., 2002, A comparison of microseismicity induced by gel-proppant- and water-injected hydraulic fractures, Carthage Cotton Valley gas field, East Texas *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2393–2396.
- Ruud, B., and Johansen, T., 2002, Seismic Inversion Using Well-Log Data as a Priori Information *in* 64th Mtg. Eur. Assn. Geosci. Eng., P292.
- Ryasantsev, D., 2002, Application of Resistivity Prospecting during Exploration of Primary Diamond Deposits *in* 64th Mtg. Eur. Assn. Geosci. Eng., P198.
- Sabadell, J., Bridle, R., and Ley, R., 2002a, 3D near-surface velocity studies in Mazalij and Ghawar using POCS modeling *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1416–1419.
- Sabadell, J., Maggio, F., Massidda, L., and Siddi, G., 2002b, Geophysical Simulations with Spectral Elements *in* 64th Mtg. Eur. Assn. Geosci. Eng., P242.
- Saenger, E., and Bohlen, T., 2002, 3D finite-difference modeling of viscoelastic and anisotropic wave propagation using the rotated staggered grid *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2019–2022.
- Saenger, E., Kruger, O., and Shapiro, S., 2002a, Simulation of effective elastic properties of 3D fractured medium *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1825–1828.
- Saenger, E., Shapiro, S., and Kruger, O., 2002b, Simulation of the diffraction by single cracks: an accuracy study *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2007–2010.
- Saidi, N. A., Friha, J., Messaoudi, F., and Abbassi, K., 2002, Contribution of the 3D Seismic Data to the Development of Producing Fields in Tunisia *in* 64th Mtg. Eur. Assn. Geosci. Eng., P301.
- Salem, A., Mushayandebvu, M., Ushijima, K., and Ravat, D., 2002, Estimation of depth and shape factor from potential-field data over sources of simple geometry *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 724–726.
- Samoilov, A., Matsevich, V., Badeikin, A., Inosemtsev, A., and Kozlov, E., 2002, Footprints on 3D AVO Attribute Maps - Anatomy and Treatment *in* 64th Mtg. Eur. Assn. Geosci. Eng., P185.
- Sampaio, E., Santos, A., Silva, R., and Cunha, J., 2002, Ground TDEM Applied to Massive Sulphide Exploration in the Mundo Novo Greenstone Belt, Bahia, Brazil *in* 64th Mtg. Eur. Assn. Geosci. Eng., P286.
- Sangvai, P., Tyagi, A., Mitra, P., Srivastava, A., and Rao, D., 2002, Integration a Key for Minimizing the Uncertainty in Field Development a Case Study *in* 64th Mtg. Eur. Assn. Geosci. Eng., P212.

- de Santa Anna, M., Sierra, J., and Aldana, M., 2002, Seismic attributes analysis of an Eastern Venezuela type structurally complex model *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 601–604.
- Santos, L., Tygel, M., and Ramos, A., 2002a, Reflection Impedance *in* 64th Mtg. Eur. Assn. Geosci. Eng., P182.
- , 2002b, Reflection impedance *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 225–228.
- Sarkar, D., Bakulin, A., and Kranz, B., 2002, Anisotropic inversion of seismic data for stressed media: Theory and a physical-modeling study on Berea sandstone *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 117–120.
- Sarkar, D., and Tsvankin, I., 2002, Analysis of image gathers in factorized VTI media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2305–2308.
- Sarzalejo, S., Benkovics, L., Carbon, J., Leon, F., and Pena, A., 2002, Exploring for a Stratigraphic Trap in Zulia Oriental, Western Venezuela *in* 64th Mtg. Eur. Assn. Geosci. Eng., P202.
- Sattel, D., 2002, Modeling AEM data with Zohdys method *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 30–33.
- Sattel, D., and Reid, J., 2002, AEM anomaly modeling with electric and magnetic dipoles buried inside a layered earth *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 17–20.
- Sava, D., Florez, J., and Mavko, G., 2002, Seismic Fracture Characterization Using Statistical Rock Physics: James Lime Reservoir, Neuville Field *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1889–1892.
- Sava, P., and Fomel, S., 2002, Wave-equation migration velocity analysis beyond the Born approximation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2285–2288.
- Sayers, C., and Han, D., 2002, The effect of pore fluid on the stress-dependent elastic wave velocities in sandstones *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1842–1845.
- Schaper, D., and Alumbaugh, D., 2002, Sensitivity analysis of borehole TEM for monitoring a subsurface carbon dioxide flood *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 328–331.
- Scheidhauer, M., Dupuy, D., Beres, M., and Marillier, F., 2002, Single and Multi-Streamer High-Resolution 3D Seismic Studies in Lake Geneva, Switzerland *in* 64th Mtg. Eur. Assn. Geosci. Eng., P154.
- Schonewille, M., and Zwartjes, P., 2002, High-resolution transforms and amplitude preservation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2066–2069.

- Schulz, U., and Fischer, K., 2002, Seismic Stratigraphy and AVO in the Transylvanian Basin - a New View at the Pre-Salt *in* 64th Mtg. Eur. Assn. Geosci. Eng., P295.
- Schuster, G., 2002, Reverse-time migration = generalized diffraction stack migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1280–1283.
- SEG, 2002a, A 50th anniversary in Midland: The Leading Edge, **21**, 542–543.
- , 2002b, Erratum and Addendum: "Challenges of complex media" (TLE 21, 587): The Leading Edge, **21**, 931.
- , 2002c, Erratum: "Seismic processing 1982-2002," C. L. Liner (TLE 21, 520-521): The Leading Edge, **21**, 804.
- , 2002d, Erratum: "The future of pore-pressure prediction using geophysical methods," A. R. Huffman (TLE 21, 199-205): The Leading Edge, **21**, 407.
- , 2002e, Foundation News: The Leading Edge, **21**, 507.
- , 2002f, Foundation News - A view from the next generation about scholarships, geophysics, etc.: The Leading Edge, **21**, 962–965.
- , 2002g, Memoirs of successful geophysicists: Recorder, **27**, 32–46.
- , 2002h, Memorial: The Leading Edge, **21**, 494.
- , 2002i, Memorial: The Leading Edge, **21**, 607.
- , 2002j, Memorial: The Leading Edge, **21**, 804.
- , 2002k, Memorials: The Leading Edge, **21**, 400.
- , 2002l, Memorials: The Leading Edge, **21**, 932.
- , 2002m, Memorials: The Leading Edge, **21**, 1054–1056.
- , 2002n, Nominations for 2002-2003 Executive Committee: The Leading Edge, **21**, 695–705.
- , 2002o, SEG 2001-2002 Award Recipients: The Leading Edge, **21**, 882.
- , 2002p, SEG's 2002 salary survey: The Leading Edge, **21**, 988–993.
- Sen, M., and Roy, I., 2002a, Two problems in pre-stack inversion *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 922–925.
- , 2002b, Two problems in pre-stack inversion: Optimal regularization and computation of differential seismograms *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 894–897.
- Shaker, S., 2002, Causes of disparity between predicted and measured pore pressure: The Leading Edge, **21**, 756–760.

- Shams, A., and MacBeth, C., 2002, Robust time-lapse AVOA analysis using OBC: a case study from Teal South *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2455–2458.
- Shaohua, Z., Feng, Y., Peiming, L., Zhenhua, L., and Xinwen, L., 2002, Applying 3D seismic in a complex mountainous area of Tarim Basin: The Leading Edge, **21**, 902–905.
- Shapiro, S., and Kaselow, A., 2002, On the stress dependence of seismic velocities in porous rocks *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1893–1896.
- Shaw, A. R., Burg, D. V. D., Slob, E., and Wapenaar, K., 2002a, The electro-kinetic effect: forward model and measurements *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 704–707.
- Shaw, S., Weglein, A., Matson, K., and Foster, D., 2002b, Cooperation of the leading order terms in an inverse-scattering subseries for imaging: 1D analysis and evaluation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2277–2280.
- Sheng, J., and Schuster, G., 2002, First arrival traveltimes and waveform inversion of refraction data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 910–913.
- Sherrill, F., and Bramblett, N., 2002, Image fidelity analysis for time migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1228–1231.
- Shogenova, A., Mens, K., Sliupa, S., Rasteniene, V., Joeleht, A., and Kirsimae, K., 2002, Factors Influenced Porosity of the Siliciclastic Rocks in the Baltic Cambrian Basin *in* 64th Mtg. Eur. Assn. Geosci. Eng., P218.
- Shrestha, R., and Boeckmann, M., 2002, Stochastic seismic inversion for reservoir modeling *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 902–905.
- Shymanovskyy, V., and Sachsenhofer, R., 2002, Hydrocarbon Generation in the NW Dniepr-Donets Basin, Ukraine *in* 64th Mtg. Eur. Assn. Geosci. Eng., P121.
- Sigernes, L., Morton, A., and Tjaland, E., 2002, Seismic fault imaging *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 516–519.
- Sinartio, F., 2002, Predicting fluid composition from seismic data: CO₂ detection from seismic *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1750–1753.
- Singer, B., Mezzatesta, A., and Wang, T., 2002, 3D modeling of electromagnetic field in surface and borehole environments *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 312–315.
- Singh, N., and Mogi, T., 2002, Effective skin depth with a local source and its application to survey design and data interpretation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 684–687.

- Singh, V., Pramanik, A., Srivastava, A., and Katiyar, R., 2002, Estimation of effective porosity using geostatistics and multiattribute transforms: A case study *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1758–1761.
- Sirgue, L., and Pratt, R., 2002a, Can the sub-basalt imaging problem be solved by gradient-based waveform inversion? *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 930–933.
- , 2002b, Feasibility of Full Waveform Inversion Applied to Sub-basalt Imaging *in* 64th Mtg. Eur. Assn. Geosci. Eng., P177.
- Skidmore, C. M., and Kelly, M., 2002, Visualization of rock property attribute cubes for field analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1774–1777.
- Skov, T., Borgos, H., Halvorson, K., Randen, T., Sonneland, L., Arts, R., and Chadwick, A., 2002, Monitoring and characterization of a CO₂ storage site *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1669–1672.
- Smith, R., and Lee, T., 2002, The moments of the impulse response, a new paradigm for the interpretation of transient electromagnetic data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 661–664.
- Smith, R. S., and Lee, T. J., 2003, Errata To "The moments of the impulse response: A new paradigm for the interpretation of transient electromagnetic data" (Richard S. Smith and Terry J. Lee, GEOPHYSICS, 67, 10951103): Geophysics, **68**, 409.
- Snieder, R., 2002, Elastic coda wave interferometry, a new tool for the instrumented oil field *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1650–1653.
- Soares, J., McLain, B., and Martins, J., 2002, Third-order elastic constants and stress-induced anisotropy on Acu sandstone, Potiguar Basin, onshore Brazil *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 193–196.
- Soellner, W., and Yang, W., 2002, Diffraction response simulation: A 3D velocity inversion tool *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2293–2296.
- Sognnes, H., Johansen, T., Langhammer, J., and Fromyr, E., 2002, Ava from Multicomponent Data for Quantitative Evaluation of Gas Hydrates *in* 64th Mtg. Eur. Assn. Geosci. Eng., P251.
- Sollid, A., and Otnes, E., 2002, Reflection-angle migration in weak TI media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1192–1195.
- Sollie, R., Ostmo, S., Hansen, H., Sylta, O., Zweigel, J., Hamborg, M., Kjennerud, T., Zweigel, P., and Maver, K., 2002, Seismic data as input to detailed hydrocarbon migration modeling *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 245–248.
- Soubaras, R., 2002a, Attenuation of acquisition footprint for non-orthogonal 3D geometries *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2142–2145.

- , 2002b, Comparison of Kirchhoff and wave-equation prestack migration on OBC data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1244–1247.
- Soule, R., and Tzetos, N., 2002, Lower Klamath Lake Valley terramagnetic survey: Interpretation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 798–801.
- Sozansky, V., 2002, Gas and Oil Potential of the Ukrainian Part of the Black Azov Sea Area *in* 64th Mtg. Eur. Assn. Geosci. Eng., P125.
- Sparkman, G., 2002a, Offshore exploration and development is taking technology to a very large scale: *The Leading Edge*, **21**, 368.
- , 2002b, Shallow or deep, which is it?: *The Leading Edge*, **21**, 659.
- Stalnaker, J., and Everett, M., 2002, Finite element analysis of controlled-source electromagnetic induction for near-surface geophysical prospecting *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 688–691.
- Stelfox, B., 2001, Alberta's Boreal Forest: A landscape in transition-implications for sustainable landscape and landuse: *Recorder*, **26**, 5–5.
- Sternbach, L. R., 2002, Unsolved mysteries of seismic interpretation: A retrospective of 20 years of TLE: *The Leading Edge*, **21**, 952–954.
- Stewart, R., Lu, H., Bland, H., and Mewhort, L., 2001, A lake-bottom cable seismic survey: Acquisition and processing: *Recorder*, **26**, 37–40.
- Stewart, R. R., Gaiser, J., Brown, R. J., and Lawton, D. C., 2003, Converted-wave seismic exploration: Applications: *Geophysics*, **68**, 40–57.
- Stolk, C., and Symes, W., 2002, Artifacts in Kirchhoff common image gathers *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1129–1132.
- Stolt, R. H., 2002, Synergies in geophysical, medical, and space imaging: Overview and introductory session: *The Leading Edge*, **21**, 578–580.
- Stork, C., Kitchenside, P., Yingst, D., Kostov, C., Wilson, B., Watts, D., Kapoor, J., Brown, G., and Albertin, U., 2002, Comparison between angle and offset gathers from wave equation migration and Kirchhoff migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1200–1203.
- Stoughton, D., 2002, Illumination of a Sub-Salt Structure as a Function of Streamer Acquisition Azimuth *in* 64th Mtg. Eur. Assn. Geosci. Eng., P161.
- Stovas, A., and Landro, M., 2002, Fluid-Pressure Discrimination in Anisotropic Reservoir Rocks - a Sensitivity Study *in* 64th Mtg. Eur. Assn. Geosci. Eng., P318.
- Street, G. J., 2002, Agriculture, geophysics and environmental sustainability: Preview, 45–47.

- Strudley, A., Ritchie, B., McGregor, A., and Goto, R., 2002, The impact of new 4D seismic technology on the magnus field *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 544–547.
- Strykowski, G., and Boschetti, F., 2003, Discussion On "3-D inversion of gravity and magnetic data with depth resolution" (Maurizio Fedi and Antonio Rapolla, *Geophysics*, 64, 452461): *Geophysics*, **68**, 403–405.
- Sudman, Y., and Kosloff, D., 2002, High resolution travelttime tomography *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 830–833.
- Sukup, D., 2002, Wide-azimuth marine acquisition by the helix method: The Leading Edge, **21**, 791–794.
- Sun, C., and Martinez, R., 2002, Amplitude preserving 3D prestack Kirchhoff time migration for V(z) and VTI media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1224–1227.
- Sun, H., Fehler, M., and Huang, L., 2002a, Kirchhoff migration with an optimized imaging aperture *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1125–1128.
- Sun, J., Zhang, Y., and Gray, S., 2002b, Aliasing in wavefield extrapolation prestack migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1216–1219.
- Sun, P., Zhang, S., and Liu, F., 2002c, Prestack migration of areal shot records with phase encoding *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1172–1175.
- Sun, S., Siegfried, R., and Castagna, J., 2002d, Examples of wavelet transform time-frequency analysis in direct hydrocarbon detection *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 457–460.
- Svend, O., Mulder, W., and Plessix, R., 2002, Finite-difference iterative migration by linearized waveform inversion in the frequency domain *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1384–1387.
- Swan, H., 2002, Amplitude and phase corrections for AVO analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 277–280.
- Tang, X., 2003, Determining formation shear-wave transverse isotropy from borehole Stoneley-wave measurements: *Geophysics*, **68**, 118–126.
- Tang, X., Wang, T., and Patterson, D., 2002, Multipole acoustic logging-while-drilling *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 364–367.
- Tatham, R. H., 2002, Future directions of multicomponent seismic methods in the marine environment: The Leading Edge, **21**, 377–378.
- Terrell, M., Davis, T., Fuck, R., and Brown, L., 2002, Seismic monitoring of a CO₂ flood at Weyburn field, Saskatchewan, Canada: demonstrating the robustness of time-lapse seismology *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1673–1676.

- Tersipetcof, J., Sierra, J., and Aldana, M., 2002, Use of P to S converted waves for imaging sub-overthrust structures: a feasibility case study, Eastern Venezuela *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1081–1084.
- Thierry, P., Gomez, A., Karlsen, T., Sagehaug, A., and Baina, R., 2002a, Acquisition QC for Optimization of 3D Preserved Amplitude Prestack Depth Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., P186.
- Thierry, P., Gomez, A., Sagehaug, A., and Karlsen, T., 2002b, Pre-imaging processing for acquisition QC and prestack depth migration optimization *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2138–2141.
- Thompson, C., Moran, R., Horne, S., Walsh, J., and Fairborn, J., 2002, Seismic fracture characterization of a sandstone reservoir ? Rangely Field, Colorado *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1049–1052.
- Thompson, M., and Najjar, N., 2002, Improved Time-Lapse Seismic Repeatability and Impact on Quantitative Analysis - Statfjord Field *in* 64th Mtg. Eur. Assn. Geosci. Eng., P316.
- Thomson, V., Morris, B., and Markham, K., 2002, Geoscience data integration for mineral exploration - an example from Big Trout Lake, Ontario *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 396–399.
- Tingdahl, K., Bril, A., and de Groot, P., 2002, Simultaneous mapping of faults and horizons with the help of object probability cubes and dip-steering *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 520–523.
- Tiouleneva, T., Nefedkina, T., Keller, V., and Bouzloukov, V., 2002, AVO-Inversion of Compressional and Converted Reflections in the Near-Caspian Trough *in* 64th Mtg. Eur. Assn. Geosci. Eng., P252.
- Tod, S., Hudson, J., and Liu, E., 2002, Modeling frequency-dependent anisotropy due to fluid flow in bed limited cracks *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 93–96.
- Tompkins, M., and Alumbaugh, D., 2002, A transversely isotropic 1D electromagnetic inversion scheme requiring minimal a priori information *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 676–679.
- Tonellot, T., Mace, D., and Richard, V., 2002, 3D quantitative AVA: joint versus sequential stratigraphic inversion of angle-limited stacks *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 253–256.
- Toomey, A., Bean, C., and Scotti, O., 2002, Effect of nonlinear surface interfacion on seismic response of a fracture *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1833–1836.
- Torres-Verdin, C., Sen, M., Roy, I., Wu, Z., and Varela, O., 2002, Joint inversion of reservoir production measurements and 3D pre-stack seismic data: Proof of concept *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1789–1792.

- Toth, T., Foldes, T., Schubert, F., Hollos, C., and Komlosi, J., 2002, Modelling of the Fractured Dorozsma Crystalline Reservoir, SE Pannonian Basin *in* 64th Mtg. Eur. Assn. Geosci. Eng., P298.
- Trad, D., 2002, Interpolation with migration operators *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2174–2177.
- Trad, D., Ulrych, T., and Sacchi, M., 2003, Latest views of the sparse Radon transform: *Geophysics*, **68**, 386–399.
- Tremblay, S., Schwab, A., and Hurst, A., 2002, A Geological Framework of the Mauritanian Continental Margin from New Offshore 2D Seismic *in* 64th Mtg. Eur. Assn. Geosci. Eng., P205.
- Trickett, S., 2002, F-x eigenimage noise suppression *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2166–2169.
- Tseng, H. W., Lee, K. H., and Becker, A., 2003, 3D interpretation of electromagnetic data using a modified extended Born approximation: *Geophysics*, **68**, 127–137.
- Tsvankin, I., and Grechka, V., 2002, Feasibility of seismic characterization of multiple fracture sets *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1646–1649.
- Tura, A., 2002, Research and TLE: The Leading Edge, **21**, 720.
- Tyapkin, Y. K., and Robinson, E. A., 2003, Optimum pilot sweep: *Geophys. Prosp.*, **51**, 15–22.
- Tygel, M., Chira-Oliva, P., and Hubral, P., 2002, A Fourth-Order CRS Moveout for Reflection and Diffraction Events *in* 64th Mtg. Eur. Assn. Geosci. Eng., P167.
- Uchida, Y., Sakura, Y., and Taniguchi, M., 2002, Mapping of Low-Enthalpy Geothermal Energy in Japan *in* 64th Mtg. Eur. Assn. Geosci. Eng., P275.
- Uffen, D., Michetti, L., Dickson, L., Churchill, J., Hay, J., Geck, L., and Janzen, A., 2000, The great seismic round-up: The Canadian forest oil story: *Recorder*, **25**, 10–14.
- Urosevic, M., Evans, B., and Vella, L., 2002, Shallow high-resolution seismic imaging of the Three Springs talc mine, Western Australia: *The Leading Edge*, **21**, 923–926.
- Urrutia-Fucugauchi, J., Flores-Ruiz, J., Arciniega-Ceballos, A., Hernandez, I., and Anaya, C., 2002, Aeromagnetic survey over an active stratovolcano in central Mexico: *The Leading Edge*, **21**, 560–563.
- Ursenbach, C., 2002a, Generalized Gardner Relations *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1885–1888.
- , 2002b, Optimal Zoeppritz Approximations *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1897–1900.

- Vallee, M., Keating, P., St-Hilaire, C., and Smith, R., 2002, Magnetic depth estimates using the continuous wavelet transform *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 731–734.
- Vanelle, C., and Gajewski, D., 2002a, Determining geometrical spreading from traveltimes in anisotropic media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 125–128.
- , 2002b, Traveltime interpolation for Kirchhoff migration in anisotropic media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1133–1136.
- Varela, O., Torres-Verdin, C., Sen, M., and Roy, I., 2002, Assessing Dynamic Reservoir Behavior with Time-Lapse Pre-Stack 3D Seismic Data - a Sensitivity Study Based on Inversion *in* 64th Mtg. Eur. Assn. Geosci. Eng., P317.
- Veeken, P., Rauch-Davies, M., Gallardo, R., and Villasenor, R., 2002, Model-driven inversion of the Fortuna National 3D seismic data in the Macuspana Basin, onshore Mexico *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 898–901.
- Velis, D., 2002, On the Estimation of the Distribution of Seismic Reflection Sequences *in* 64th Mtg. Eur. Assn. Geosci. Eng., P181.
- Verhelst, F., and Wapenaar, K., 2002, Scale-dependency of Thomsen parameters for layers with intermediate thickness *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1947–1950.
- Vernik, L., Fisher, D., and Bahret, S., 2002, Estimation of net-to-gross from P and S impedance in deepwater turbidites: The Leading Edge, **21**, 380–387.
- Verschuur, D., and Berkhout, A., 2002, CFP-approach to P- and S-wave focusing operator estimation and multicomponent imaging *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1018–1021.
- Versteeg, R., 2002, Near-real time imaging of subsurface processes using geophysics *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1500–1503.
- Versteeg, R., Geen, L. V., Steckler, M., Zheng, Y., Goodbred, S., Heath, G., and Ahmed, K., 2002, Using geophysics to understand arsenic occurrence in Bangladesh groundwater *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1610–1613.
- Vesnaver, A., Hu, L., Bridle, R., German, J., Kim, J., Macrides, C., and Ley, R., 2002, Tomostatics for half a million traces *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 957–960.
- Vestrum, R., 2002, 2D and 3D anisotropic depth migration case histories *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1256–1259.
- Vichabian, Y., and Morgan, F. D., 2002, Self potentials in cave detection: The Leading Edge, **21**, 866–871.

- Visser, S., Pezzot, E., and Carter, N., 2002, Time domain EM and magnetic mapping of the Ferguson Lake Nickel-Copper-Cobalt-PGE property *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 408–411.
- Vlastos, S., Liu, E., Li, X.-Y., and Main, I., 2002, Numerical Study of Seismic Wave Propagation in Rock with Scale Length (Size) and Spatial Distributions of Fractures *in* 64th Mtg. Eur. Assn. Geosci. Eng., P248.
- Voutay, O., Fournier, F., and Royer, J., 2002, Seismic interpretation with new attributes extracted from a prestack multicube analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1762–1765.
- Vrabie, V., Bihan, N. L., and Mars, J., 2002, 3D-SVD and partial ICA for 3D array sensors *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1065–1068.
- Waddell, M., Domoracki, W., and Temples, T., 2002, Detection of DNAPLS using ultra high-resolution seismic data and AVO analysis at Charleston Naval Weapons Station, South Carolina *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1583–1586.
- Waite, M., 2002, Probabilistic Risk Assessment from Fuzzy Seismic Information, Well Measurements, and Inferences of Spatial Continuity: Hamaca Field, Venezuela *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1778–1781.
- Walia, R., and Edwards, T., 2002, Reinterpretation of the Sembakung oilfield, Kalimantan, Indonesia utilizing modern 3D seismic data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 596–599.
- Walker, R., and Brown, R., 2001, Safety and due diligence - A geophysicist's perspective: Recorder, **26**, 62–63.
- Walls, J., Taner, M. T., Taylor, G., Smith, M., Carr, M., Derzhi, N., Drummond, J., McGuire, D., Morris, S., Bregar, J., and Lakings, J., 2002, Seismic reservoir characterization of a U.S. Midcontinent fluvial system using rock physics, poststack seismic attributes, and neural networks: The Leading Edge, **21**, 428–436.
- Walraven, D., Drummond, J., Rodriguez, A., Kue, C., Chang, T., and Bird, D., 2002, Integrated Seismic Illumination and Gravity Modeling in Refinement of a Subsalt Interpretation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 621–624.
- Wang, C., McIntosh, K., and Sen, M., 2002a, Velocity estimation from poststack seismic data and density log by a linearized inversion *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 934–937.
- Wang, H., Sun, C., and Martinez, R., 2002b, Optimized 6th order NMO correction for long-offset seismic data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2313–2316.
- Wang, T., 2002, Diffusion of electromagnetic fields in a transversely isotropic medium *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 680–683.

- Wang, T., and Tang, X., 2002, An effective medium for analysis of multipole acoustic logging in a prestressed formation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 356–359.
- Wang, W., and Pham, D., 2002, Migration velocity analysis for deep-water 4C data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2301–2304.
- Wang, W., Pham, D., and Lou, M., 2002c, Converted-wave prestack time migration for isotropic and anisotropic media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 990–993.
- Wang, X., Dodds, K., and Hornby, B., 2002d, Dipole sonic response in deviated boreholes penetrating an anisotropic formation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 360–363.
- Wang, Y., 2003a, Multiple attenuation: coping with the spatial truncation effect in the Radon transform domain: *Geophys. Prosp.*, **51**, 75–87.
- , 2003b, Multiple subtraction using an expanded multichannel matching filter: *Geophysics*, **68**, 346–354.
- , 2003c, Quantifying the effectiveness of stabilized inverse Q filtering: *Geophysics*, **68**, 337–345.
- Wang, Y., and Wu, R., 2002, Beamlet prestack depth migration using local cosine basis propagator *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1340–1343.
- Wapenaar, K., Draganov, D., Thorbecke, J., and Fokkema, J., 2002, Theory of acoustic daylight imaging revisited *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2269–2272.
- Washbourne, J., Bube, K., Miranda, F., and Antonelli, M., 2002a, Crosswell reflection tomography *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 874–877.
- Washbourne, J., Miranda, F., Antonelli, M., and Bube, K., 2002b, Crosswell Reflection Tomography *in* 64th Mtg. Eur. Assn. Geosci. Eng., P142.
- Watanabe, T., Nakagawa, S., Myer, L., and Nihei, K., 2002, Imaging of crosshole laboratory data using visco-acoustic waveform inversion and reverse-time imaging *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 870–873.
- Watson, I., Lines, L. R., and Brittle, K. F., 2002, Heavy-oil reservoir characterization using elastic wave properties: *The Leading Edge*, **21**, 736–739.
- Watts, A., 2002, Discovery of the Ujina Cu Deposit, Collahuasi District, Chile *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 412–415.
- Wawrzyniak, K., 2002, Improving of Acoustic Full Waveforms Using Artificial Neural Network *in* 64th Mtg. Eur. Assn. Geosci. Eng., P144.

- Weglein, A., Shaw, S., Matson, K., Sheiman, J., Stolt, R., Tan, T., Osen, A., Correa, G., Innanen, K., Guo, Z., and Zhang, J., 2002, New approaches to deghosting towed-streamer and ocean-bottom pressure measurements *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2114–2117.
- Wei, X., and Yang, L., 2002, The study of static correction in desert and loose terrain *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2249–2252.
- Weinberg, D., 2002, Why oil and gas R&D?: The Leading Edge, **21**, 886–893.
- Weiss, C., and Newman, G., 2002, A strategy for rapid solutions in modeling EM induction in anisotropic media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 320–323.
- Welford, J., Zhang, R., and Clowes, R., 2002, Ground roll removal from a deep 3D reflection dataset using physical wavelet frame denoising *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2162–2165.
- Wempe, W., and Mavko, G., 2002, Effective porosity - total porosity model applied to fontainebleau sandstone *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1870–1872.
- Whiteley, R., 2002, Shallow Refraction Interpretation in Complex Conditions with Visual Interactive Ray Tracing *in* 64th Mtg. Eur. Assn. Geosci. Eng., P155.
- Widmaier, M., Keggins, J., Hegna, S., and Kjos, E., 2002a, The use of multiazimuth streamer acquisition for attenuation of diffracted multiples *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 89–92.
- Widmaier, M., Moe, J., Brittan, J., and Lima, J., 2002b, Case studies in quality control for 4D seismic processing *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2090–2093.
- Williams, M., and Jenner, E., 2002, Interpreting seismic data in the presence of azimuthal anisotropy; or azimuthal anisotropy in the presence of the seismic interpretation: The Leading Edge, **21**, 771–774.
- Williams, S., Fairhead, J., and Flanagan, G., 2002, Realistic models of basement topography for depth to magnetic basement testing *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 814–817.
- Winthagen, P., and Verschuur, D., 2002, Using the CFP-methodology for PP and PS angle dependent reflectivity analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 265–268.
- Won, I. J., 2002, 3D magnetotellurics for imaging a Devonian reservoir (Huamampampa) in the southern Sub-Andean Basin of Bolivia *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2417–2421.

- Wright, D., Ziolkowski, A., and Hobbs, B., 2002, Hydrocarbon detection and monitoring with a multicomponent transient electromagnetic (MTEM) survey: The Leading Edge, **21**, 852–864.
- Wu, C., Harris, J., and Nihei, K., 2002, 2D finite-difference seismic modeling of an open fluid-filled fracture: comparison of thin-layer and linear-slip models *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1959–1962.
- Wu, R., and Chen, L., 2002, Mapping directional illumination and acquisition-aperture efficacy by beamlet propagators *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1352–1355.
- Wu, R., and Wang, Y., 2002, Synthetic beam-sources and plane-sources for prestack beamlet migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1336–1339.
- Wyatt, D., 2002, ISEF: The Leading Edge, **21**, 876–879.
- Xia, J., Geier, N., Miller, R., and Tapie, C., 2002a, Orthogonal sweeps of vibroseis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2031–2034.
- Xia, J., Miller, R., Gamey, J., and Doll, W., 2002b, A pseudo-adaptive hum filter to suppress rotor noise in high-resolution airborne magnetic data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1432–1435.
- Xie, X., and Wu, R., 2002, Extracting angle domain information from migrated wavefield *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1360–1363.
- Xiong, G., Li, Y., Zhan, X., and Lu, W., 2002, Migration tomography *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 842–845.
- Xu, C., 2002a, Seismic tomography of Maya Pyramid ruins: Belize, Central America *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 866–869.
- Xu, H., Nur, A., and Dvorkin, J., 2002a, Rock physics basis for determining porosity reduction due to production *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1862–1865.
- Xu, P., and Parra, J., 2002, Estimation and interpretation of depth-dependent Q from observed sonic logs *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 372–375.
- Xu, S., 2002b, Stress-induced anisotropy in unconsolidated sands and its effect on AVO analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 105–108.
- Xu, S., Khare, V., Keys, R., and Finn, C., 2002b, A second look at the background trend for AVO interpretation *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 249–252.
- Xu, Y., 2002c, Rock physics and AVO sensitivity in Mackenzie Delta, Canada *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 285–288.

- Yalamanchili, S., and Nieuwenhuise, B. V., 2002, Regional gravity and magnetic data usage for seismic survey planning and the integration of 3-D gravity and seismic data in the Santos and Campos Basins, Brazil *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 775–778.
- Yan, L., Lines, L., and Lawton, D., 2002, Building velocity model for anisotropic PSDM: examples from Alberta Foothills structural data sets *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1252–1255.
- Yang, C., You, J., and Tao, M., 2002a, High resistivity associated with DNAPL plume imaged by RIP technique *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1587–1590.
- Yang, J., and Lawton, D., 2002, Mapping the P-S conversion point in Vertical Transversely Isotropic (VTI) media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1006–1009.
- Yang, S., Shih, C., Banik, N., Chen, J., Banik, A., and Schultz, G., 2002b, Application of vertical velocity analysis for a vertically transversely isotropic medium *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 129–132.
- Yermeni, S., Bhardwaj, D., Chakraborty, S., and Phadke, S., 2002, Finite difference forward modeling for complex geological models *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1987–1990.
- Yilmaz, O., and Eser, M., 2002, A unified workflow for engineering seismology *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1496–1499.
- Yin, C., 2002, Magnetotelluric Modeling for 1D Anisotropic Models *in* 64th Mtg. Eur. Assn. Geosci. Eng., P282.
- , 2003, Inherent nonuniqueness in magnetotelluric inversion for 1D anisotropic models: *Geophysics*, **68**, 138–146.
- Yoon, K., Shin, C., Hong, S., and Suh, S., 2002, 3D reverse-time migration using acoustic wave equation: An experience of SEG/EAGE salt data set *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1324–1327.
- Yoshioka, K., 2002, 3D inversion of the bipole-bipole array induced polarization data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2422–2425.
- You-Sheng, Y., Ming-Li, Y., Xin, W., and Zeng-Kui, X., 2002, Interpretation of Lithology and Connectivity with Crosswell Velocity Tomography *in* 64th Mtg. Eur. Assn. Geosci. Eng., P146.
- Young, R., and Obregon, F., 2002, Adjusting an isotropic velocity model to accommodate an anisotropic earth *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2321–2324.
- Young, R. A., and Lord, N., 2002, A hybrid laser-tracking/GPS location method allowing GPR acquisition in rugged terrain: *The Leading Edge*, **21**, 486–490.

- Young, T. K., 2002, Ballard to address SEG Annual Meeting: The Leading Edge, **21**, 875.
- Young, T. K., and Atkins, D., 2002, Avalanche forecasting: The Leading Edge, **21**, 690–694.
- Yu, G., Meyer, J., Payton, C., Zhang, Y., He, X., and Kong, Q., 2002a, A case study of high resolution crosswell seismic imaging in complex reservoir *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2377–2380.
- Yu, J., Katz, L. J., Followill, F., Sun, H., and Schuster, G. T., 2003, Autocorrelogram Migration: IVSPWD test: Geophysics, **68**, 297–307.
- Yu, J., and Schuster, G., 2002, Joint migration of primary and multiple reflections in RVSP data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2373–2376.
- Yu, Y., Lu, R., and Deal, M., 2002b, Compensation for the effects of shallow gas attenuation with viscoacoustic wave-equation migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2062–2065.
- Yu, Z., McMechan, G., and Anno, P., 2002c, Wavelet-transform based prestack multiscale Kirchhoff migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1109–1112.
- Yuan, J., Li, X.-Y., and Zhu, X., 2002, C-Wave Anisotropic Parameter Estimation from Conversion Point *in* 64th Mtg. Eur. Assn. Geosci. Eng., P253.
- Yuh, S., and Gibson, R., 2002, Uncertainty analysis in time-lapse seismic modeling *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1723–1726.
- Zadler, B., Scales, J., Rousseau, J. L., and Smith, M., 2002, Resonant ultrasound spectroscopy: theory and application *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1854–1857.
- Zeng, H., 2002, Geomorphology-based, automated seismic facies analysis *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 613–616.
- Zhang, F., and Uren, N., 2002, P-wave ray velocity functions, semblance analysis and NMO corrections in transversely isotropic media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 133–136.
- Zhang, H., Bednar, J., and Peng, C., 2002a, Distributed velocity updating on PC clusters *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 850–853.
- Zhang, J., 2002a, AVA correction for migration in highly discontinuous media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1380–1383.
- , 2002b, A new method of NMO and stacking for converted-wave processing *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1077–1080.

- Zhang, L., Rector, J., and Hoversten, G., 2002b, Eikonal solver in the celerity domain *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2023–2026.
- , 2002c, An Eikonal solver in tilted TI media *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1955–1958.
- Zhang, R., and Ulrych, T., 2003, Physical Wavelet Frame Denoising: Geophysics, **68**, 225–231.
- Zhang, S., Chan, L., Tam, K., Huang, R., and Xia, J., 2002d, Anisotropy induced dispersion behaviors of Rayleigh waves *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1404–1407.
- Zhang, W., 2002c, 3D prestack depth migration with single-shot and synthesized-shot records *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1268–1271.
- Zhang, W., Li, G., Cody, J., and Meyer, J., 2002e, Understanding reservoir architectures at Christina Lake, Alberta with crosswell seismic imaging: Recorder, **27**, 33–36.
- Zhang, Y., 2002d, Theory of true amplitude common-shot migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2471–2474.
- Zhang, Y., Hoecht, G., and Hubral, P., 2002f, 2D and 3D ZO CRS Stack for a Complex Top-Surface Topography *in* 64th Mtg. Eur. Assn. Geosci. Eng., P166.
- Zhang, Y., and Hubral, P., 2002, 2D ZO CRS stack and redatuming for a complex top surface topography *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2051–2053.
- Zhang, Y., Pham, D., and Lou, M., 2002g, Velocity Update via Joint Velocity Inversion for Anisotropic Depth Migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 141–144.
- Zhdanov, M., and Gribenko, A., 2002, Three-dimensional imaging about a single borehole *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 316–319.
- Zhdanov, M., Mukherjee, A., Pavlov, D., Ellis, R., and Golubev, N., 2002, Regularized focusing inversion of 3D gravity tensor data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 751–754.
- Zheng, Y., and Gray, D., 2002, Integrating seismic fracture analysis with migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1642–1645.
- Zhou, H., 2002, Kirchhoff reflection tomography: Concept and preliminary result *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 953–956.
- Zhou, H., Zhang, G., Zhang, Y., and Gray, S., 2002a, Regularization algorithms for seismic inverse problem *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 942–945.

- Zhou, M., and Schuster, G., 2002, Wave-equation wavefront migration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1292–1295.
- Zhou, Z., Frenkel, M., Geldmacher, I., and Xiao, J., 2002b, A new method to detect and correct errors on array resistivity logging measurements *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 376–379.
- Zhou, Z., Stein, J., and Guo, M., 2002c, High quality imaging of the SEG/EAGE 3D salt model: A modeling and migration exercise *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1320–1323.
- Zhu, C., 2002, Detailed fracture system description *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 528–531.
- Zhu, Y., and Snieder, R., 2002, Reflected and transmitted waves from fault zones *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 2273–2276.
- Zhu, Z., and Toksoz, N., 2002, Crosshole seismoelectric measurements in borehole models with fractures *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 344–347.
- Zimmer, M., Mavko, G., and Prasad, M., 2002, Empirical velocity-pressure and porosity-pressure trends in unconsolidated sands *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1866–1869.
- Ziolkowski, A., Wright, D., Hobbs, B., and Green, D., 2002, Hydrocarbon Detection and Monitoring with Electromagnetic Survey *in* 64th Mtg. Eur. Assn. Geosci. Eng., P115.
- Zou, Y., and Bentley, L., 2002, Time-lapse well log analysis, fluid substitution and AVO *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1719–1722.