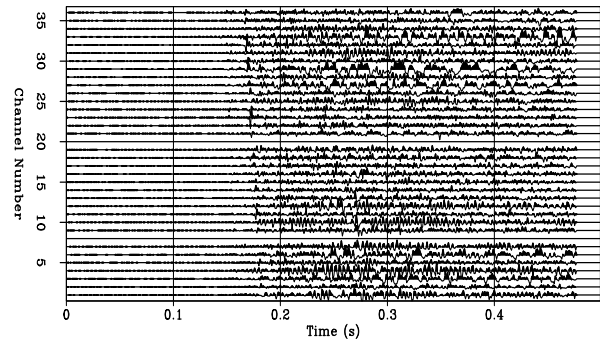


# Summer Workshop on Seismic Data Preprocessing

Instructor: Stewart A. Levin

Where: Mitchell A-65

When: Tuesdays 10 AM



Purpose: Assist students and faculty with decoding and preprocessing of seismic datasets, including exposure to various software tools available to the School of Earth Sciences.

Organizational Meeting: June 25<sup>th</sup>

Flexible syllabus includes:

- Basic terms and units (sample rate, stacking, coordinate reference system, velocity, ...)
- U CN DCD SSMC DAT (how to dump/scan and inspect binary seismic formats)
- Geometry (importing and applying auxiliary files)
- Visualization
- Filters and Deconvolution
- Velocity Analysis
- Stacking and Signal Enhancement