Wednesday May 30, 2007

8:00 am  Registration and continental breakfast
8:30  Welcome and Opening Remarks: ERL 25 years and beyond – Rob van der Hilst

**Session 1: Reservoir Characterization and Monitoring**

9:00  Fracture properties from seismic scattering – Dan Burns
9:15  Analysis of scattered signals to estimate fracture parameters – Samantha Grandi
9:45  Fracture quality from integrating time-lapse VSP and microseismic data – Mark Willis

10:15  Break

10:30  Integrated geophysical monitoring of a producing reservoir – Nafi Toksoz
10:45  GPS and InSAR: reservoir monitoring – Tom Herring/Noa Becher
11:15  GPS and InSAR: interpreting reservoir geomechanics – Brad Hager
11:45  Differential traveltime tomography: Frio results and implications for acquisition design – Jonathan Ajo-Franklin

**12:15 pm**  Lunch (catered)

**Session 2: Fluid-Rock Interactions and Rock Physics Modeling**

1:30  SP-Resistivity: new directions – Dale Morgan
1:45  Experimental design applied to borehole DC resistivity – Darrell Coles
2:15  The influence of resistivity structure on self-potential source inversion – Burke Minsley
2:45  Electroseismic/seismoelectric measurements in porous materials – Zhenya Zhu

3:15  Break

3:30  Pore-scale rock physics modeling: an overview – Jonathan Ajo-Franklin
3:45  Effective conductivity modeling of a fluid saturated porous rock – Xin Zhan
4:15  Pore-scale elastic wave propagation modeling – Yang Zhang/Fuxian Song
4:45  Non-linear soil response in the near field of a vibrator truck: application to land seismic surveys – Fred Pearce

5:15 pm  Adjourn
6:00  Reception and Dinner – Legal Seafood
Thursday May 31, 2007

8:00 am  Continental breakfast

**Session 3: New Applications in Reservoir Imaging**

8:30  Passive seismic imaging from global to reservoir scales with inverse scattering and wave equation tomography – Rob van der Hilst

9:00  Identification, characterization and use of (scattered) seismic noise – Xander Campman

9:30  Passive seismic monitoring: tomographic reservoir imaging – Sudipta Sarkar

10:00 break

10:30  Illuminating steeply dipping reflectors with doubly scattered waves – Alison Malcolm

11:00  Seismic interferometry I: Redatumming through a Salt Canopy – Mark Willis

11:30  Seismic interferometry II: Elastodynamic redatumming – Rongrong Lu

12:00  Working Lunch and Business Meeting – Faculty Club

2:00 pm Adjourn