

OTHER ACADEMIC PROJECTS

Seminars

The Institute for Crustal Studies began sponsorship of a seminar series in June of 1988. The seminars feature talks by researchers at ICS, researchers and faculty in Geological Sciences and other academic departments, and outside speakers whose research interests are similar to those of the Institute. The seminars are held monthly in the Hollister Research Center Conference Room.

The seminars that were held during the 1989/90 fiscal year were:

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| 1989 Aug. 18 | "Microearthquake Imaging of Active Processes at Coso",
speaker: Dr. Peter Malin, Inst. Crustal Studies, UCSB |
| Sept. 06 | "Vadose Zone Monitoring Lab Unsaturated Flow Modelling"
speaker: Chester McKee (Physicist), President of In-Situ, Inc. |
| Sept. 26 | "Demonstrable Performance Approach to Chemical Modelling
in Geologic Depositories"
speaker: Dan Melchior, EBASCO Services, Inc. |
| Oct. 05 | "Mechanics of an Earthquake Fault"
speaker: Dr. Jean Carlson, Inst. Theoretical Physics, UCSB |
| Oct. 19 | "Aspects of an Archean Fold and Thrust Belt: Point Lake,
Northwest Territories"
speaker: Dr. Tim Kusky, Dept. Mechanical Engineering, UCSB |
| Nov. 16 | "Regional Crustal Structure and Mid-Tertiary Basin Formation,
Southeastern California"
speaker: Rebecca Morris, Inst. Crustal Studies, UCSB |
| Dec. 01 | American Geophysical Union Presentations: In preparation for the
AMERICAN GEOPHYSICAL UNION CONFERENCE in San Francisco, CA
speaker: 6 members from Inst. Crustal Studies and Geol.
Sciences, UCSB |
| Dec. 11 | "Chaos Theory with Applications to Earthquake Catalogues"
speaker: Dr. Frank Horowitz, Dept. Civil Engineering, Northwestern
Univ. |
| Dec. 14 | "Regional Fault Models for California"
speaker: Dr. William Stuart, U.S. Geological Survey - Pasadena, CA |
| Dec. 15 | "Shear-Wave Splitting and Earthquake Prediction"
speaker: Dr. Stuart Crampin, British Geological Survey - England |

- 1990 Jan. 08 "Analysis of Anza Shear-Wave Data (Dr. Aster)
"Stacking Long Period GDSN Seismograms to Resolve Upper Mantle Discontinuity Phases" (Dr. Shearer)
speaker: Dr. Rick Aster, Scripps Inst. Ocean., SDSU
Dr. Peter Schearer, Scripps Inst. Ocean., SDSU
- Jan. 11 "New Tectonic Models for Asia and the Western Transverse Ranges"
speaker: Dr. Peter Molnar, Earth & Plan. Sci., MIT
- Feb. 15 "Regularization and Model Smoothing in Seismic Tomography: Examples from the San Andreas Fault"
speaker: Dr. Jonathan Lees, Inst. Crustal Studies, UCSB
- Feb. 23 "Seismological Studies in Turkey"
speaker: Dr. Russ Evans, British Geological Survey-England
- Feb. 28 "The 'Great' 1925 Santa Barbara Earthquake"
speaker: Dr. Charles Evans, Seism. Safety Prog. Coord., Santa Barbara, CA.
- Mar. 01 "Slip History of the Talas-Fergana Tadjikistan, Soviet Central Asia"
speaker: Dr. Valentine Burtman, National Academy of Sciences, U.S.S.R.
- Mar. 09 "Oroclinal Bending of Southern Soviet Asia from Paleomagnetic Data"
speaker: Dr. Valentine Burtman, National Academy of Sciences, U.S.S.R.
- Apr. 20 "UCSB at COSO; COSO Geothermal Field, California"
speaker: Dr. Peter Malin, Inst. Crustal Studies, UCSB
- Apr. 27 "Seismological Society of America Presentations: In Preparation for the SEISMOLOGICAL SOCIETY OF AMERICA CONFERENCE, Santa Cruz, CA."
speaker: 5 members from Inst. Crustal Studies and Geol. Sciences, UCSB
- May 31 "Depositional Facies of the Upper Cretaceous Forbes Formation, Sacramento Basin, California"
speaker: Douglas Imperato, Inst. Crustal Studies, UCSB
- Jun. 08 "Travels & Trials in Antarctica: The 1989/90 ICS Expedition to Marie Byrd Land"
speaker: Dr. Bruce Luyendyk
- Jun. 18 "Fault Geometry and the Evolution of Geological and Geomorphological Structures - 'Mountains out of Mole Tracks'"
speaker: Dr. Geoffrey King, U.S. Geological Survey - Denver, CO.