



## **CWP Participants at the 2005 SEG Meeting, Houston, TX**

The following is a list of CWP faculty and students and their collaborators who will make presentations at the SEG meeting.

### **Monday afternoon, November 7**

#### **AVO I AVO1, Room 311A**

- 1:55 PM – J. Behura and I. Tsvankin, CSM. Small-angle AVO responses of PS-waves in tilted TI media (AVO1.2)

#### **SPMI P1 Migration (Poster Session)**

- 2:10 PM – H. Douma and M.V. de Hoop, CSM. On common offset prestack time migration with curvelets (SPMI P1.3)

#### **SS 3 Recent Advances and the Road Ahead, Room Assembly B**

- 3:10 PM – R. Snieder, CSM, Invited speaker. Topics in advanced seismic imaging, monitoring fluid flow and imaging without a source (SS3.5)

#### **ANI 1 Theory Session, Room 301E**

- 3:10 PM – H. Douma, CSM; and A. Calvert, GX Technology. Nonhyperbolic moveout analysis in VTI media using rational interpolation (ANI1.5)

### **Tuesday morning, November 8**

#### **MC 1 Multicomponent Anisotropy/Fracture Detection, Room 302A**

- 8:55 AM – P. Dewangan, I. Tsvankin, M. Batzle, K. van Wijk, and M. Haney, CSM. PS-wave moveout inversion for tilted TI media: A physical modeling study (MC1.2)

#### **SPMI 2 Wave Equation, Room Assembly A**

- 9:20 AM – P. Sava and S. Fomel, Bureau of Economic Geology, Univ. of Texas-Austin. Time-shift imaging condition (SPMI2.3)
- 11:00 AM – C.C. Stolk, Univ. of Twente; M.V. de Hoop, CSM; and W.W. Symes, Rice University. Kinematics of prestack shot geophone migration (SPMI2.7)

## **Tuesday afternoon, November 8**

### **ANI 2 Azimuthal Variations in Q, Room Assembly B**

- 1:30 PM – I. Vasconcelos, CSM; and Edward Jenner, GX Technology. Estimation of azimuthally varying attenuation from wide-azimuth P-wave data (ANI2.1)
- 4:00 PM – R. Felicio Fuck and I. Tsvankin, CSM. Seismic signature of two orthogonal sets of vertical microcorrugated fractures (ANI2.7)

### **EM2 EM and Electro-Seismic Acquisition and Applications, Room 312A**

- 2:20 PM – K. Mehta, M. Nabighian and Y. Li, CSM; D. Oldenburg, UBO-GIF, Univ. of British Columbia. Controlled source electromagnetic (CSEM) technique for detection and delineation of hydrocarbon reservoirs: An evaluation (EM2.3)

### **PPP1 Pore Pressure Prediction, Room 302B**

- 2:45 PM – M. Haney, R. Hofmann and R. Snieder, CSM. Well-log analysis of pore pressure mechanisms near minibasin-bounding growth fault at South Eugene Island field, offshore Louisiana (PPP1.4)

### **ST1 Seismic Theory, Room 302C**

- 3:35 PM – N. Bleistein, CSM; Y. Zhang, Veritas DGC Inc.; and G. Zhang, Chinese Academy of Sciences. True amplitude one-way wave equations near smooth caustics: An example (ST1.6)

## **Wednesday morning, November 9**

### **SI 3 True Amplitude and Attenuation, Room 3043**

- 8:55 AM – N. Bleistein, CSM; Y. Zhang and S. Xu, Veritas DGC; G. Zhang, Chinese Academy of Sciences; S.H. Gray, Veritas DGC. Kirchhoff inversion in image point coordinates recast as source/receiver point processing (SI3.2)

### **ANI PI Anisotropy IV, Poster Session**

- 10:40 AM – Y. Zhu and I. Tsvankin, CSM. P-wave attenuation anisotropy in orthorhombic media (ANIP1.5)

## **Wednesday afternoon, November 9**

### **MC 3 Multicomponent Processing/Imaging, Room 302A**

- 2:45 PM – P.Sava and Sergey Fomel, Univ. of Texas-Austin. Wave-equation common-angle gathers for converted waves (MC3.4) [Paul Sava to join CSM faculty January 2006.]

## **SPMI P2 Migration, Poster Session**

- 3:10 PM – P. Sava and S. Fomel, Univ. of Texas-Austin. Coordinate-independent angle-gathers for wave equation migration (SPMIP2.6)

## **Thursday morning, November 10**

### **SPMI 6 Practical, Room Assembly A**

- 8:30 AM – C. Pacheco and K. Larner, CSM. Velocity smoothing before depth migration: Does it help or hurt? (SPMI6.1)

### **ANI 3 Field Data and Assorted Calculations, Room 301E**

- 9:20 AM – Y. Zhu, I. Tsvankin and P. Dewangan, CSM. Physical modeling and analysis of P-wave attenuation anisotropy in TI media (ANI3.3)

### **SPMUL 2 New Developments in Multiple Attenuation, Room 302B**

- 10:10 AM – A.E. Malcolm and M.V. de Hoop, CSM; and H. Calandra, Total. Estimating imaging artifacts caused by internal multiples (SPMUL2.5)

## **Short Courses**

**Sat., Nov. 5 and Sun., Nov. 6.**

### **Seismic Anisotropy: Basic Theory and Applications in Exploration and Reservoir Characterization**

Instructors: Ilya Tsvankin, CSM; and Vladimir Grechka, Shell.

## **Workshop**

**Fri., Nov. 11, 8 AM-5 PM**

### **W-7 Seismic Interferometry, Daylight Imaging and Time reversal, Room 301E**

Organizers: J. Robertsson, A. Curtis, D. van Manen and K. Wapenaar

Invited speaker:

- R. Snieder, CSM. Seismic interferometry: Who needs a seismic source? 8:35 AM

Poster:

- K. Mehta and R. Snieder, CSM. Sampling and other considerations for virtual source imaging. Poster Session 2: Redatuming 10:45 AM