

AASPI Consortium Meeting - Agenda

3rd Floor Memorial Union, Scholar's Room, OU Norman Campus

Tuesday, November 10, 2009

8:00-9:00	CONTINENTAL BREAKFAST	
9:00-10:00	POSTERS	
PRESENTATIONS		
Time	Presenter	Review of 2009 Activities (Completed and Ongoing)
10:00-10:25	Kurt Marfurt	Welcome and overview of AASPI software and documentation
10:25-11:00	Ha Mai	Calibration of curvature and coherence anomalies - Application to Chicontepec Basin, Mexico
11:00-11:30	Marcilio Matos	Grey-level co-occurrence matrices applied to thin channels, Osage Co, OK
11:30-11:45	Ha Mai & Carlos Russian	Curvature applied to Diamond-M carbonate buildup, Horseshoe Atoll, Permian Basin, TX
11:45-12:10	Tim Kwiatkowski	AASPI computational environment
12:10-13:00	LUNCH	
Time	Presenter	Work Plan for 2010
13:00-13:25	Tim Kwiatkowski	Multi-attribute clustering workflows - from visualization to latent space mapping
13:45-13:50	Jeremy Fisk	Correlating Heterogeneous production to lithology, fractures, faults and cleats in coalbed methane exploitation
13:50-14:30	Marcilio Matos	Spectral decomposition phase attributes
14:30-16:00	POSTER BREAK	
16:00-16:20	Sunday Amoyedo	Time Lapse (4D) Analysis of Forties field with application to the Deep/Ultra-Deep Reservoirs in the Gulf of Mexico
16:20-16:40	Malleswara (Moe) Yenugu	Calibration of fractures and production using core, elastic inversion, and image logs - Osage Co., OK
16:40-17:00	Kurt Marfurt	Overview of 2010 workplans
17:00-19:00	WINE, BEER, CHEESE AND FEEDBACK	

POSTERS

Author		Review of 2009 Activities (Completed and Ongoing)
Bradley Wallet		Clustering Bed Sets from the Barnett Shale using Diffusion Map Attributes
Mallesawara Yenugu		Seismic Attribute Analysis and petrophysical analysis of a Mississippian Chat, Osage County, Northeast Oklahoma
Kui Zhang		Spectral decomposition illumination of reservoir facies
Supratik Sarkar		Attribute-assisted analysis of a foredeep basin deepwater reservoir: delineating complex geologic pattern and multiscale reservoir characterization.
Victor Pena		Mapping igneous intrusive and extrusive from 3D seismic data - Mexico
Rachel Barber		Attribute Delineation of Karst and Channels – Calibration via Elastic Wave-Equation Modeling
Roderick Perez		Geophysical evidence of basement controlled faulting in the Ellenburger Group and Viola Limestone, Fort Worth Basin, Texas
Xavier Refunjol		Induced fracture characterization and prediction through attribute analysis, Fort Worth Basin, TX
Oswaldo Davogusto		Foot print removal usng adaptative filters
Atish Roy & Marcilio Matos		Algorithm development of self organizing maps in Fortran 90
Oswaldo Davogussto & Marcilio Matos		Spectral decomposition phase residues - a promising unconformity mapping tool applied to Watonga seismic data
Zhonghong Wang & Kui Zhang		Mapping igneous intrusive and extrusive from 3D seismic data - China
Aliya Urazimanova		Attribute imaging of the Forties Field, North Sea
Ha Mai		Volumetric curvature for fault mapping, examples from Wichita Mountain Front, Oklahoma
Yanxia Guo		Correlating faults and flexures to production in the Woodford Shale, Arkoma Basin, OK
Carlos Russian & Oswaldo Davogussto		P- and S- wave impedance analysis of Diamond M survey, Horseshoe Atoll, TX
Alejandro Cabrales Vargas		Attribute analysis on the Chiapas carbonate platform: An attempt to find reservoir conditions beyond the wells.
OU SEG Student Chapter		Reviving J.C. Karcher. Reshooting the world's first reflection seismology line
Bradley Wallet		An interactive grand tour - Application to Redfork Channels, Anadarko Basin, OK
Ha Mai and Brad Wallet		Interactive apparent amplitude gradients and apparent curvature
Ha Mai		Demo loading rose diagrams and multiattribute color bars into Petrel
Author		Work Plan for 2010
Kui Zhang		Preliminary work on prestack time migration of converted waves
Oswaldo Davogussto		4-component data processing revisited: Proposed workflow for adapting Alford rotation to prestack data volumes
Evan Staples		Preliminary analysis of the fractured Hunton Limestone - Arkoma Basin, OK
Supratik Sarkar & Brad Wallet		A proposed workflow to map tight sandstone reservoirs - Chicontepec Basin, Mexico
Bo Zhang		Preliminary work on migration-driven azimuthal velocity analysis
Malleswara Yenugu		Integration of Seismic, Well log and cores for Fracture Detection, Prediction and Stimulation
Marcilio Matos		Q filtering and/or estimation
Alejandro Cabrales		Implementation of least squares migration
Amanda Thompson		Preliminary work on detecting hydraulically-induced fractures, Ft Worth Basin, TX