



The 6<sup>th</sup> CeGP Workshop  
March 20-21, 2017

Centergy One building – Room#1010  
75 Fifth Street NW, Atlanta, GA 30308

<http://cegp.ece.gatech.edu/events/workshop2017/>



**AGENDA**

**Monday, March 20, 2017**

Time*	Item
09:30 - 10:00	Coffee/Pastries
10:00 - 10:15	<a href="#">Opening remarks</a> Speakers: Dr. Ghassan AlRegib and Dr. Ali Al-Shaikhi
10:15 - 10:40	<a href="#">Multichannel Approach for Automatic Microseismic Event Localization Using RANSAC-Based Arrival Time Event Clustering</a> Speaker: Dr. James McClellan
10:45 - 11:10	<a href="#">Detection And Denoising of Microseismic Events Using Rank Reduction Techniques</a> Speaker: Dr. Naveed Iqbal
11:15 - 11:40	<a href="#">An Efficient Numerical Scheme for Seismic Multi-Channel Blind Deconvolution</a> Speaker: Dr. Entao Liu
11:45 - 01:15	Lunch Location: Room# 5126 (CSIP library)
01:15 - 01:40	<a href="#">Learning Subsurface Structures for Computational Seismic Interpretation</a> Speaker: Dr. Ghassan AlRegib
01:45 - 02:10	<a href="#">Exploring Pattern Tracking and Dictionary Learning Approaches for Robust Salt Dome Delineation in 2D and 3D Seismic Surveys</a> Speaker: Dr. Mohamed Deriche
02:15 - 02:40	<a href="#">Comparative Study of Texture Attributes for Characterizing Subsurface Structures in Migrated Seismic Volume</a> Speaker: Dr. Zhiling Long

\*All presentations time slots include Q&A.

\*\* The posters will be available from March 20 until March 22 in room 5234.



02:45 - 03:10

[Machine Learning-Based Seismic Interpretation: From Pixel to Image](#)  
Speaker: Dr. Haibin Di

03:15 - 04:15

[Poster session\\*\\*](#)  
Location: Room# 5234

**Tuesday, March 21, 2017**

Time*	Item
09:30 - 10:00	Coffee/Pastries
10:00 - 10:25	<a href="#">In-Field Compression for Seismic Data Acquisition</a> Speaker: Dr. Faramarz Fekri
10:30 - 10:55	<a href="#">Advanced Methods for Seismic Data Compression</a> Speaker: Dr. Mohamed Mohandes
11:00- 11:25	<a href="#">Model-Based Seismic Data Compression</a> Speaker: Dr. Bo Liu
11:30 - 12:25	<a href="#">Wireless Seismic Data Acquisition</a> Speakers: Dr. Suhail Al-Dharrab and Dr. Gordon Stuber
12:30 - 01:45	Lunch Location: Room 5126 (CSIP library)
01:45 - 02:10	<a href="#">Progress in GREU (Global Undergraduate Research Experience) Project</a> Speaker: Dr. Samir AlGhadban
02:15 - 02:40	<a href="#">Smart Solar Home Project</a> Speaker: Dr. Mohammad Al-Muhaini
02:45 - 03:10	<a href="#">Drive System Design and Control for Solar Energy System</a> Speaker: Dr. Mohammad Abido
03:15 - 03:30	Final remarks

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