



The Munib and Angela Masri Institute of Energy and Natural Resources cordially invites you to the 7th Annual Workshop

Energy Geo-Science and Engineering

Friday, April 7, 2017 8:45 am – 1:30 pm
B1, College Hall, American University of Beirut

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| ▶ 8:45 a.m. – 9:20 a.m. | Registration |
| ▶ 9:20 a.m. – 9:30 a.m. | Welcoming Remarks: <ul style="list-style-type: none">• Representative of the Dean of the Faculty of Engineering and Architecture, AUB• Trustee Munib Masri, Chairman of Engineering and Development Group, Edgo |
| ▶ 9:30 a.m. – 10:15 a.m. | Keynote Lecture: Pressing Geo-Science and Engineering Needs in the Energy Sector
Speaker: J. Carlos Santamarina , Professor, Energy Geo-Engineering Lab, and Associate Director of Upstream Petroleum Engineering Research Center, KAUST |
| ▶ 10:15 a.m. - 10:30 a.m. | Presentation 1: An Efficient Geometry-based Optimization Approach for Well Placement in Oil Fields
Speaker: Dr. George Saad , Assistant Professor, Department of Civil and Environmental Engineering, AUB |
| ▶ 10:30 a.m. – 10:45 a.m. | Presentation 2: Instrumented Robotic Platform for Guiding the Geotechnical Design of Offshore Pipelines
Speaker: Dr. Shadi Najjar , Associate Professor, Department of Civil and Environmental Engineering, AUB |
| ▶ 10:45 a.m. – 11:00 a.m. | Presentation 3: Online Learning of 4D Seismic Data for Real Time Reservoir Management
Speaker: Dr. Mariette Awad , Associate Professor, Electrical and Computer Engineering, AUB |
| ▶ 11:00 a.m. – 11:30 a.m. | Coffee Break |
| ▶ 11:30 a.m. – 1:00 p.m. | Panel Discussion (Q and A)
Panel Moderator: A. Abdel-Rahman , Professor, Department of Geology, AUB
Panelists: <ul style="list-style-type: none">• Dr. J. Carlos Santamarina, Professor, Energy Geo-Engineering Lab, KAUST• Dr. Salah Sadek, Professor, Department of Civil and Environmental Engineering• Dr. George Saad, Assistant Professor, Department of Civil and Environmental Engineering• Dr. Nasser Hoteit, Member of the Board of Directors, Lebanese Petroleum Authority |
| ▶ 1:15 p.m. | Announcement of Winning Posters |