CALL FOR PAPERS

FACT Inc. and University of Houston are organizing a joint workshop with the primary goal of bringing together a wide variety of participants to facilitate initiation, discussion and interaction of novel ideas, approaches and methods around theoretical and applied Machine learning, Artificial Intelligence and Data Analytic (ML-AI-DA) topics, in a broad spectrum of disciplines in the energy industry. The organizing committee is soliciting papers to identify key topics and speakers for the MLUR workshop as well as brain storming sessions for future direction of research and development on Big Data and Deep Learning for more efficient exploration and production of unconventional resources with reduced cost and increased efficiency.

HOW TO PARTICIPATE

Workshop participation could be in one or more of the following:

Paper Presentation: Submit a one page abstract containing the title, author(s) name, affiliation and choice of session from the list below.

Poster Presentation: Submit a title and author(s) name of the poster.

Panelist: We also plan to have four panel discussion sessions. All workshop registrants will be divided into different panels for brainstorming. Please indicate your topic of interest and whether you volunteer to co-lead one of the panels.

The deadline for abstract submission for a paper or poster is September 30th, 2019.

WORKSHOP FORMAT

MLUR workshop will include several keynote speeches from both technical experts in the both unconventional resources and machine learning. We will have several oil company and service company leaders to discuss the recent experiences and the future needs for ML-AI-DA technology applications to real life problems. The Academia, National Laboratory and other R&D entities will focus on the future trends and programs. The discussion and brain storming sessions will provide a forum for more dialogue on where we are and where we are going on ML-AI-DA for unconventional resources.

“We anticipate the workshop will spark discussions in an informal setting to understand how ML technologies fit into current activities, evaluate the impact of these technologies and explore new opportunities for the energy industry.”

REGISTRATION

All workshop participants should register. The registration fee before September 15 is $280 and for full time students $40. From September 16 the fees will be $350 and $50 respectively. Remittance information will be provided when an e-mail with the registrant information to one of the workshop co-organizers is received.

FOR FURTHER INQUIRIES AND PAPER SUBMISSION, PLEASE CONTACT ONE OF THE CONFERENCE CO-CHAIRS PER BELOW.

WORKSHOP ORGANIZING COMMITTEE:
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WORKSHOP SPONSORS: