



DSA Symposium



IADC

Monday, February 29 2016 13:00 – 17:00. Omni, Ft Worth

Special Event: SPE DSATS / IADC ART Symposium Human Integration with Automation and Machine Intelligence

Networking Reception; 17:00 – 19:00

DSATS (SPE's Drilling Systems Automation Technical Section) and ART (IADC's Advanced Rig Technology Committee) will hold a half-day symposium featuring 3 keynote presentations on human integration with automation and machine intelligence. The symposium will open with an update from SPE DSATS and IADC ART describing progress of various working groups and the outlook for future activities. The annual DSATS officer and board selection will take place.

Three industry leading speakers will address the integration of humans with automation from their own experiences in non-oil and gas drilling environments with the opportunity for audience Q&A after each speech. The speech titles are:

- **Human-Automation Cooperation: progress and prospects; Professor Thomas B Sheridan**, Ford Professor Emeritus of Engineering and Applied Psychology in the Departments of Mechanical Engineering and Aeronautics/Astronautics at MIT,
- **Disney Ride Development and Commissioning Process: integrating human operators with automated rides; Mike Withers**, Vice President (Retired) of Ride Engineering at Walt Disney Imagineering,
- **Integration of Human and Machine Intelligence: toward performance in non-deterministic environments; Alonso Vera PhD**, Chief, Human Systems Integration Division, NASA Ames Research Center.

Moderators: John de Wardt, DE WARDT AND CO / DSATS Board Member
Tony Beebe, Northern Offshore / DSATS Program Chairman USA

Sponsors: Platinum:  / Platinum:

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Space is limited so be sure to register early which also ensures the early bird rate for members. The meeting will be followed by a sponsored reception for symposium attendees. Registration opens mid-November 2015 – link - <http://www.spe.org/events/dc/2016/>

Pricing: SPE Members early \$40 and SPE members late \$50 / Non-SPE Members \$60 / Student rate \$20.



Thomas B Sheridan



Mike Withers



Alonso Vera