

## **DSATS Meeting, January 12, 2012, Teleconference, 8:30 to 9:30 am CST USA**

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### ***Agenda***

#### **1. DSATS Europe Update (Fionn Iversen not present)**

##### **a. IEEE I2MTC**

##### Keynote:

Keynote for the sustainable energy track will be Steven Chalk, Deputy Assistant Secretary for US DOE office of Energy Efficiency and Renewable Energy.

##### Status tutorial:

Now down to 3 x 90 minutes tutorials:

1) Gerhard Thonhauser: Introduction to drilling engineering, well design, drilling process, the earth cube, with pore pressure fracture gradient, temperature profile etc. What you need to know to understand someone talking about drilling a well independent of oil and gas or geothermal.

2) John Macpherson: Geophysical measurement at surface and in a well to understand the earth cube (a quick review of seismic, types of measurements linked to rock and fluid properties, wire line to LWD).

3) Fred Florence: Drilling related measurements and equipment automation (surface and subsurface, fluid properties etc.)

##### **b. IFAC 2012 Trondheim**

Geoff Downton is Keynote speaker; sufficient papers received.

#### **2. Nominating Committee (Fred Florence, Mario Zamora)**

Mario is chair of nominating committee along with Gerhard and 1 other (David Reid).

Committee is active with first meeting Friday 20<sup>th</sup>. Please contact Mario if you wish a committee position for 2012/13 within DSATS.

#### **3. Communication and Language (Clint Chapman)**

Will provide a one page write-up of the Denver demo on the website, and restart efforts of the communications group. The group will review objectives and accomplishments next week and survey for willingness/interest to continue on the same pathway. Clint will send out an invite later this week, and will invite from service companies, automation companies, etc.

#### **4. Risk and Reliability (John de Wardt)**

Taking ABS document as putting together a first draft, hopefully at the weekend

5. Better Sensors  
John Macpherson committed (foolishly) to put together by the end of the month a brief text describing sensor needs for automation. Intent is to start a conversation on the website; Fred indicated that new and existing sensors should both be covered.
6. IADC and DSATS Standards Workgroup (Fred Florence)  
Fred to put together plan by end of January
7. University Competition Update (Fred Florence)  
Fred committed to put together a plan by the end of the month
8. Events Update

*Session on Drilling Systems Automation, March 5<sup>th</sup>, 2012, San Diego (John de Wardt):*

<http://www.spe.org/events/dc/2012/>

- Will start with updates and committee business (30 minutes), followed by speakers (45 minutes) and then a moderated session if there is any remaining time.
- Added spouses to reception; Reception sponsor – Integrated Drilling Equipment – Shasta settling on an estimate
- Turnout expected to be high
- May film keynotes and place on website

*IFAC Workshop, May 31 to June 1, 2012, Trondheim (Fionn Iversen):*

<http://www.ifac-oilfield.no/>

See item 1b.

*IEEE I2MTC conference, May 13 to 16, 2012, Graz, Austria (Fionn Iversen):*

<http://imtc.ieee-ims.org/>

See item 1a.

*SPE DSATS Advanced Technology Workshop, June 16 to 18, Vail, CO (John de Wardt):*

- Co-chairs are John de Wardt, DE WARDT AND CO; Michael Behounek, Apache; Clinton Chapman, Schlumberger; Mario Zamora helping to backfill committee.
- Brochure will be available in a few weeks
- Still seeking sponsors for packages, but some have already been taken. Contact John de Wardt or Mario Zamora.

9. Other Business
  - Geoff Downton: has been asked to be editor for 1 month of the IEEE Control System Journal focused on oilfield control techniques. Will probably be late 2012 or into 2013.
  - Fred: John de Wardt is doing a great job and really needs some help.
  - Shasta: On election of officers, please email DSATS if interested in nominations (2 week window)?
  - Fred: SPE San Antonio ATCE, January 30<sup>th</sup> abstract deadline, papers needed. Do we want to do a 3hr session on Drilling and Completion Automation? Agreed to go ahead.

Meeting adjourned at 9:15am