

1 DSATS Meeting Minutes, 15th March 2012

DSATS Meeting, Mar. 15th 2012, Teleconference, 8:30 to 9:30 am

Agenda

1. Feedback re DSATS at SPE/IADC San Diego

Feedback on the Monday meeting in San Diego, feeling was that a good turnout was achieved, indicating a strong interest. John de Wardt gave a resume of the proceedings and the reception of the key speakers;

- I think all of the DSATS events have been successful. The San Diego one perhaps was one of the best, probably because the “business” part was kept short and to the point, and we found three great speakers. Of course, we can’t guarantee that we will always get great speakers, so we shouldn’t categorically adopt this format for all future sessions preceding the Drilling Conference and ATCE.
- We should remind ourselves that DSATS is sponsoring 2-3 major meetings a year (DC, ATCE, and ATW/Forum). That is a lot of exposure. However, it takes a lot of effort on our part and some participants could get bored or otherwise lose interest.
- The only given is that we need to engage the audience throughout the event - by selecting the right speakers on the right topics, by finding innovative ways to get active audience participation, and/or by giving participants more opportunities to share their views, experiences, and opinions. Maybe an open discussion with the audience would work – “is there a killer app?”, “where are the barriers?”, “who has some success stories? etc.
- Panels can work well, but less so if they are simply 4 short keynotes. Would rather see someone like yourself moderate and interview the panelists sans PPT.
- I think the format for San Antonio is spot on. If a DARPA keynote speaker is unavailable, we could consider a tier 1 speaker like Karl Lagnemma or Richard Voyles (see on YouTube and TED). For 2013 Amsterdam, I agree that it should use a stronger European (or at least non-US) component.
- Last one, can we develop a scheme to encourage outsiders to invest in our industry? Are they aware of our needs? Business opportunities for them?

2. IEEE I2MTC

(Fionn Iversen)

The tutorials have been organized and the bios have been uploaded to the web. There is still uncertainty wrst quantity of papers accepted as the evaluation process will be completed by COB this week. A flier has been developed for the IFAC meeting, obviously a good programme with good papers. Geoff Downton will be a key note speaker at this conference.

3. Communication sub group

(Clinton Chapman)

The objectives of the DSA-TS Comms team are not clear. After the demo last year, we have proven an architecture that could be used to implement drilling automation. To move forward the Comms team needs to know a direction, which was request by Clinton from the DSA-TS committee and the board. No one outside of the Comms team came to the scheduled meeting to provide guidance. This guidance

could be just confirming a proposed direction, but we need to know that what we are working on will be useful.

WITSML is very interested in participating based upon their attendance in the last Comms team meeting. We can and should leverage this to help automation on the technical front, i.e. in establishing a standard for communicating rig equipment descriptions/capabilities.

4. History of DSAT events

(John de Wardt)

Key highlights have been:

- 2010 Drilling Conference; New Orleans – Panel session with some participant debate (70 participants).
- 2010 ATCE; Florence Italy – update + discussion (not sure as was unable to attend).
- 2011 Drilling Conference; Amsterdam – panel session on drilling automation from various perspectives and debate (250 participants) with following sponsored networking reception.
- 2011 ATCE; Denver – panel session on automation for completion installation plus DSATS Communications demo (120 participants) with follow on sponsored reception.
- 2012 Drilling Conference; San Diego – three top keynote speakers / 2 outside of industry (170 participants) with follow on sponsored networking reception. Professional video recording made and being edited for release on the web.

5. Going Forward

We have successfully established DSATS as the organizer of quality events with sponsored networking receptions.

We need to maintain the standards we have set offer some variety and continue to bring attention to DSATS while promoting drilling systems automation.

Two upcoming events are entering the planning process. One event is already in the planning process.

- July 2012; SPE Applied technology Workshop “Well Construction Automation – Preparing for the Big Jump Forward” is a committee of drilling professionals and experts from outside oil and gas industry. Aim is to integrate these two groups and target 50% participants from outside oil and gas.
- October 2012; SPE ATCE, San Antonio.
 - a. Already discussed with some committee members a format of:
 - i. Keynote speaker – consider a speaker to describe DARPA and the technologies in autonomous operations that are becoming available from military applications that are looking for commercial opportunities.

- ii. Show and tell by industry participants who are implementing tools and processes; will develop guidelines to avoid abusive commercialism.
 - iii. Show and tell by some non-industry participants such as I-robot
 - iv. Poster session with tables during reception sold for \$950 to 15 participants. Target is to cover reception costs and have \$8,000 remaining to fund the treasury of DSATS. SPE management met with Shasta Stephenson and John de Wardt during Drilling Conference in San Diego and approved this reception format because it is not on the same days as the exhibition. Expectation is we will also get non industry participants.
- March 2013; Drilling Conference. Amsterdam.
 - a. No plans yet.
 - b. Three keynotes were a big hit in San Diego. Suggest considering this format with some European based speakers who are leaders in automation related topics from non-oilfield.
 - i. Consider audience will be more European, Mid East and Africa than San Diego. What should this mean to the speaker line up?
 - ii. All keynotes to be nominated to a session planning group led by John de W. They will be ranked and invited in sequence.
 - iii. Try to attract speakers from the automobile industry, BMW, Audi and Mercedes-Benz.
 - iv. Statoil & Saudi Aramco are both active in automation, good source for speakers

6. Proposal

- Discuss and agree format for 2012 ATCE event as described above.
 - a. Form small group led by J de W – Curtis C + one
- Discuss and agree format for 2013 Drilling conference plus collect list of potential keynote speakers.
 - a. Form a small group led by J de W – European DSATS member + one