



IADC DEC Q1 2025 Tech Forum,

“Advancing Drilling Technology: The Role of Collaborative Industry Projects in Innovation and Development”

Tuesday, 18 March, 8:30am-12:00pm

Venue: **Premium Oilfield Technologies**, 10600 W Sam Houston Pkwy N, Houston, TX 77064

Join us for an exclusive event tailored for Drilling Engineers in the Energy industry, centered around collaboration for driving innovation and technological advancements. A diverse group of industry experts will shed light on various collaborative efforts, including formal Joint-Industry Projects (JIPs), university-led research and development programs, and broader initiatives within different industry forums such as the IADC committees.

Historically, some of the most groundbreaking solutions have emerged from collaborative environments, significantly enhancing operational efficiency, boosting output, reducing costs, and minimizing carbon emissions. Recent advances in data analytics and artificial intelligence have enabled companies to optimize complex processes and respond more effectively to market volatility and disruptions. Looking ahead, the importance of collaborative projects and fostering creative ideas will be even more critical for industry resilience as we navigate the Energy Transition.

Don't miss this opportunity to engage with industry experts and actively contribute to the future of drilling technology!

Special thanks to our event host Premium Oilfield Technologies!

Agenda

08.30-08.45 Welcome – Matt Isbell, DEC Chairman, Hess; facility and safety briefing – Premium Oilfield Technologies; introduction to event – Mohamed Elshabrawy and Andrew Barry, DEC Board members

08.45-09.10 “Deepstar’s Satellite Project Model – a Force Multiplier for Operator R&D Budgets,” Dave Barrow and Curtis Linehan, Deepstar [View presentation](#) [View video recording](#)

Learn about details and effort associated with Deepstar’s model for a Joint Industry Project, with recent examples. Understand the benefits and pitfalls.

09.10.09.35 “A Few Thoughts on Collaboration: What Works and What Else Can Be Tried,” Paul Pastusek, Pastusek and Associates [View presentation](#) [View video recording](#)

The first decision on collaboration is to do it or not. Critical to this process is a short list of hard problems. We can:

- Do Nothing: The technology is moving fast enough on its own; or
- Do Something: There is still an unmet need.

We will discuss some of the key points in making this decision. Second, we look at typical collaboration efforts in the industry: what works, bilateral agreements, challenges, joint industry programs, conferences, and what else needs to be done.

09.35-10.00 **“The Power of Collaboration and Innovation for Global Energy,”** Allen Sinor, The Competency Alliance [View presentation](#) [View video recording](#)

Energy is evolving at an unprecedented pace, with this transformation set to accelerate even further in the coming decade. As we forge ahead, it is crucial to remember that the past may hold the key insights into our future. New innovations, such as AI, are revolutionizing our ability to swiftly access and interpret data, while simultaneously enhancing the performance and safety of our instruments. The keys to success in this new era are innovation and collaboration, which will enable us to achieve feats once thought impossible. This journey will require a blend of new and old learnings to navigate the shifting energy markets successfully.

10.00-10.20 **Networking break**

10.20-11.00 **Panel Session #1:** [View video recording](#)

- Dave Barrow
- Shakir Shamsy
- Paul Pastusek
- Allen Sinor
- Jonathan Lightfoot, Oxy
- Mohamed Elshabrawy (moderator)

11.00-12.00 **Panel Session #2** [View video recording](#)

- IADC Young Professionals Committee: Bill Pickering, Precision Drilling, and Liana Carnes, Transocean, YP Co-Chairs [View presentation](#)
- IADC Advanced Rig Technology Committee: Trent Martin, ART Co-Chair, Transocean [View presentation](#)
- IADC UBO/MPD Committee: Matt Kvalo, UBO/MPD Vice Chair, Stasis Drilling Solutions [View presentation](#)
- IADC Cybersecurity Committee: Jim Rocco, IADC [View presentation](#)
- SPE Drilling Systems Automation Technical Section: Dimitrios Pirovolou, DSATS Chair, Weatherford [View presentation](#)
- Andrew Barry (moderator)

12.00 Light lunch, provided by Premium Oilfield Technologies