52: The digital transformation of the energy sector

SEG's Seismic Soundoff

In this episode, host Andrew Geary speaks with John Hudson and Bill Abriel on the upcoming Energy in Data Conference. The conference will take place in Austin, Texas from 17-19 June. Powered by AAPG, SEG, and SPE, this forward-looking conference will include the latest in digital transformation trends as they relate to the energy sector (topics such as machine learning and data management storage), oil & gas development and drilling, production, and more. How can we benchmark capabilities of digital technologies? How can we uncover hidden information in old data? How can service companies and operators collaborate to bring new technology and innovation forward in solving real field problems? This is a must-attend conference for those seeking the answers to these questions and others regarding the digital transformation. Energy in Data will be highly interactive and participative with a strong mix of general sessions, breakout sessions, micro-learning short courses, and working groups. Register and learn more at https://energyindata.org/. Interviewee biographies John Hudson, SPE, is the Subsurface & Well Support & Deployment Manager (Americas) with Shell. He has more than 25 years of experience in multiphase-flow research, flow-assurance design of deepwater production systems, and development of model-based real-time operations decision systems. Since joining Shell, Hudson has held technical and managerial positions in Europe and North America, including leading a team that developed a model-based cloud computing solution that was deployed globally to gas plants with a total production capacity in excess of 10 Bcf/D. Hudson holds a PhD degree in chemical engineering from the University of Illinois. Bill Abriel, SEG, is a geophysical consultant at Orinda Geophysical LLC. Bill began his work in the industry with Chevron in New Orleans in 1978, and was the geophysical lead for Chevron in many oil and gas basins around the world for over 37 years. His expertise lies in the application of new technology to active projects including geophysical acquisition, processing, interpretation, integration, team building, project management and strategic research. Bill served as SEG president and received an SEG life membership in 2007. He holds a B.S. in geosciences and an M.S. in geophysics, both from Pennsylvania State University, where he was a founding member of the SEG student section and earned four varsity letters in lacrosse. Sponsor Seismic Soundoff is sponsored by the SEG Wiki - the place to find hundreds of biographies of geoscientists, open-access tutorials, and ongoing translations of SEG's best-selling book, Robert Sheriff's Encyclopedic Dictionary. Visit the https://wiki.seg.org to explore the world's first online, geophysics encyclopedia. Credits Interviews: John Hudson, Bill Abriel Original music by Zach Bridges. This episode was hosted, edited, and produced by Andrew Geary. Special thanks to Lance Cole and the SEG podcast team: Jennifer Crockett, Ashley Rodriguez, Ally McGinnis, and Mick Swiney. If you enjoy the show, please subscribe to the podcast on Spotify, Google Play, or Apple Podcasts to be the first to know about new episodes!