

THANK YOU TO OUR SPONSORS



& EXHIBITORS



How to Solve Data Challenges Without Breaking Your Systems or Your Budget

<b>Monday, 14 November</b>	
15:00 - 17:30	Registration   Check in
17:30 - 20:00	NETWORKING RECEPTION

**Tuesday, 15 November**


7:00 - 8:00	<p><b>Registration &amp; Breakfast</b></p> <p><b>Sessions Facilitators</b></p> <p>Becky Thomas - i2k Connect</p> <p>Aswhin Venkatraman - Resermine</p> <p>Sunil Garg - dataDevik</p> <p>Phillippe Herve - PGNRG</p>
8:00 - 8:10	<p><b>Opening Words</b></p> <p>George Koperna – SPE Co-Chair / Advanced Resources International</p>
8:10 - 9:45	<p><b>Data Integration – Working with diverse data collections (geology, geophysics, drilling, production)</b></p> <p>Use cases will include bringing together data for brine mining, geothermal, oil and gas, offshore, CCUS, energy storage, and more.</p> <p>James Cassanelli – OXY – Moderator</p> <p>Joe Wicker – Laredo Petroleum</p> <p>Benefits of a multi-disciplinary data warehouse and impacts to current workflows</p> <p>Mohamed Khalil – Murphy Oil Corporation</p> <p>Unlocking new development opportunities through subsurface data integration</p>
	<p>Nelia Mazula – Siemens</p> <p>Data integration vs. standardization for digital transformation</p>
	<p>Tom Smith – Geobrines International</p> <p>Mining brines: A hybrid exploration and production model for the minerals extraction industries</p>
	<p>Wladimir Frazao – Amazon Web Services</p> <p>Becoming a data driven company: Lessons learned</p>
<b>Case Studies — Success Stories — Personal Perspectives — Group Discussions</b>	
9:45 - 10:00	<p><b>Artificial intelligence: Where's the magic?</b></p> <p>Becky Thomas - Chief Operating Officer - i2k Connect</p>
10:00 - 10:30	BREAK
10:30 - 12:00	<p><b>Data Integrity – Data cleaning, integrity &amp; visualization</b></p> <p>Use cases will include incorporating new data sets and ensuring the available data is correct and usable. New data viewers, dashboards, and interfaces will be discussed.</p> <p>Edward Wolfram – OXY – Moderator</p> <p>Uchenna Odi – Aramco Americas</p> <p>Lessons learned from prototyping transfer learning workflows for determination of subsurface properties using public data</p> <p>Richard Tarver – Oklahoma Geological Survey</p>
	<p>Oklahoma Geological Survey Well Viewer application development</p> <p>Phillippe Herve - PGNRG</p>
	<p>AI in energy</p> <p>Isaac Aviles – Schlumberger</p> <p>Extracting value with a practical data integrity strategy</p>
	<p>Pallav Sarma – Tachyus</p> <p>Design and implementation of a comprehensive carbon emissions estimation and forecasting platform</p>
<b>Case Studies — Success Stories — Personal Perspectives — Group Discussions</b>	

12:00 - 13:30	<b>LUNCH and NETWORKING</b>
13:30 - 15:00	<b>Data Integration – Making data fit-for-use</b> Many new applications are extremely helpful, but what are they? How to manipulate the data to be used for new applications such as geothermal, CCUS, and hydrogen? Examples will include working with sensor data, monitoring, and recording. In addition, open source data management programs will be discussed. <b>Rachael Moreland – Liberty Energy – Moderator</b> <b>Patrick J. Kelly – Chevron</b> Innovation with an open-source industry foundation
	<b>Sougata Halder – TGS New Energy Solutions</b> Adapting energy data for CCS solutions <b>Gary Hargraves – Microseismic</b> Data acquisition challenges from the field that you you might not see on a whiteboard <b>Robin Domnisse - BEG Austin</b> Subsurface geomodeling challenges of the Texas Permian Basin <b>Nivan Shumaker - Schlumberger</b> Data Science Insights from Animations
	<b>Case Studies — Success Stories — Personal Perspectives — Group Discussions</b>
	<b>15:00 - 15:30 BREAK</b>
15:30 - 17:00	<b>Data Management &amp; Integration – Securely sharing and working with data (internal asset teams vs. partners)</b> Considerations involved in different types of asset teams, projects, partners, for effective collaboration. <b>Joe Dischinger – Amazon – Moderator</b> <b>Cynthia Schwendeman – bp</b> Considerations in leveraging data sharing solutions <b>Lisa Hill – ArgonDigital</b> Document collaboration: When security matters <b>Chris Hanton – Ikon Science</b> Powering data platforms through traditional data management <b>Julian Chenin – Bluware</b> Effective utilization of seismic data on the cloud: The future for geoscience collaboration is now
	<b>Case Studies — Success Stories — Personal Perspectives — Group Discussions</b>
	<b>17:00 – 18:00 NETWORKING RECEPTION</b>
	<b>Wednesday, 16 November</b>
7:00 - 8:00	<b>Registration &amp; Breakfast</b>
	<b>Sessions Facilitators</b> Becky Thomas - i2k Connect Aswhin Venkatraman - Resermine Sunil Garg - dataDevik Philippe Herve - PGNRG
8:00 - 9:30	<b>Data Management – Data management and tools</b> Examples and use cases of open source data management (like OSDU) and other ways to make it possible to bring together data and which tools can be effective. <b>Philippe Herve – PGNRG – Moderator</b> <b>Ryan Jarvis – ExxonMobil</b> Radically modernize subsurface data-governance and OSDU <b>Amy Close – Laredo Petroleum</b> Struggles in data management – Transforming silos and gaining confidence in data <b>Dan Morgan – Petrabytes</b> Scaling up subsurface modeling with OSDU and lakehouse architecture <b>Thomas Hewitt – CCG</b> Advanced data curation using OSDU data governance components <b>Sunil Garg - dataVediK</b> OSDU onboarding and adoption powered by data governance and AI
	<b>Case Studies — Success Stories — Personal Perspectives — Group Discussions</b>

9:30 - 10:00	<b>BREAK</b>
	<p><b>Data Integrity – Harmonizing data sets from different sources (dealing w/ acquisitions, legacy, and “dark” data) to aid collaboration</b>  <a href="#">Newly digitized data from different information sources, formats, and new ways to find the data, work with it, and create visualizations.</a></p> <p><b>Becky Thomas – i2k Connect - Moderator</b></p> <p><b>Curley Thomas - Chevron</b></p>
10:00 - 11:30	<p>Driving success with minimum viable data governance</p> <p><b>Sathiya Namasivayam – TGS</b>  Newly digitized data from different information sources, formats, and new ways to find the data, work with it, and create visualizations</p> <p><b>Thomas Coleman – Silixa</b>  Managing data from permanent fiber optic distributed sensing based reservoir monitoring systems</p> <p><b>Micah Nicolo – Shell</b>  Improving business decision quality through data science democratization: One example of Shell's in-house digital development journey</p> <p><b>Case Studies — Success Stories — Personal Perspectives — Group Discussions</b></p>
11:30 - 13:00	<b>LUNCH</b>
	<p><b>Innovation – Data capture, transfer &amp; usage</b>  <a href="#">New ways to accelerate processes.</a></p> <p><b>Zac Coplton – Blue Bison Analytics – Moderator</b></p> <p><b>Kristy DeMarco – Seagate Lyve Mobile Services</b></p>
13:00 - 14:30	<p>Accelerating E&amp;P data transfer from field to processing</p> <p><b>Dahl Winters – TerraNexum</b>  Accelerating decision making for the energy industry through quantum computing</p> <p><b>Malleswar Yenugu, PhD – Byte Link Systems, Inc</b>  Blockchain — A true disruptor for the energy industry</p> <p><b>Case Studies — Success Stories — Personal Perspectives — Group Discussions</b></p>
14:30 - 15:00	<b>BREAK</b>
	<p><b>Innovation – Emerging breakthroughs and innovations</b>  <a href="#">New ways to transfer, store, and access data, new uses of machine learning and data optimization.</a></p> <p><b>Arvind Sharma – Schlumberger – Moderator</b></p> <p><b>Don Robinson – Resolve GeoSciences</b>  An innovative approach to prepare SEG-Y data for OSDU™ ingestion</p> <p><b>Piyush Kumar – Cognitive Geointerpretation</b>  Using AI for seismic data visualization and interpretation</p> <p><b>Bradley Wallet – Studio X</b>  Crowdsourcing innovation</p> <p><b>Ashwin Venkatraman - Resermine</b>  Accelerating field development planning in mature fields using AI</p> <p><b>Case Studies — Success Stories — Personal Perspectives — Group Discussions</b></p>
16:30 - 17:30	<p><b>Closing Keynote Speaker Presentation</b>  <a href="#">Michael Pycrz – UT Austin</a>  Geoscience data analytics and machine learning: Are we ready?</p> <p><b>Special Networking Reception / Scavenger Hunt &amp; Game Results</b></p>

**INTERACTIVE GAMES**

**SCAVANGER HUNT** - Find the Thanksgiving clues hidden in presentations and exhibit

**Perception Demonstration & Game** - Stop by the  exhibit.