

POSTCONVENTION WORKSHOP

W-6: Autonomous Energy Geoscience: Digital Twins, Physics-Informed AI, and Intelligent Automation

George R. Brown Convention Center, Room 362A

Start	Stop	Presentation	Speaker	Affiliation
1:30 PM	1:40 PM	Introduction: Conversations with Subsurface Data and Coding Agents	Jose Silvestre Acuna	Spotfire
		Intro Description: The geoscience and energy communities are rapidly moving from hands-on analysis of subsurface data, to AI conversations with this data, and then to conversations with coding agents to provide comprehensive workflows for subsurface data analysis. This session explores innovative technologies across this spectrum.		
Session 1				
2:00 PM	2:30 PM	Agentic AI's Capabilities: Intelligent Automation, Digital Twins, and Physics-Informed AI	Kim Padeletti	Amazon Web Services
2:30 PM	3:00 PM	From coding and productivity agents to real impact in the oil field - the next phase of Generative AI for oil and gas	Charles Yorek	Anthropic
3:00 PM	3:45 PM	Break		
Session 2				
3:45 PM	4:15 PM	Agentic AI Systems	Sashi Gunturu	Petrabytes
4:15 PM	4:45 PM	Panel: Applications and Implementation Strategies		Amazon Web Services/ Anthropic/Petrabytes/ Spotfire
4:45 PM	5:00 PM	Final Questions and Prize Giveaway		