

| SPE AI4Energy Aberdeen - 20th November                                     |                                                                                                                                                             |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7:30                                                                       | Registration and check in                                                                                                                                   |
| 8:00                                                                       | Welcome                                                                                                                                                     |
| 8:05                                                                       | Keynote Speaker                                                                                                                                             |
| Session 1: Emerging AI Applications in Upstream Oil & Gas                  |                                                                                                                                                             |
| 8:40                                                                       | Topic 1: From Alarm Chaos to Clarity: Using AI to Support Operators in Modern Industrial Systems<br><i>Nir Oren - Aberdeen University</i>                   |
| 9:10                                                                       | Topic 2: Digital Flow Assurance: Real-Time Hydrate Risk Monitoring Using Physics-Informed Machine Learning<br><i>Abhinav Priyadarshi - Pontem Analytics</i> |
| 9:40                                                                       | A Knowledge Graph and Agentic AI Framework for Automated Well Intervention Candidate Selection.<br><i>Michael Aku - University College London</i>           |
| 10:10                                                                      | Coffee Break and Networking                                                                                                                                 |
| 10:10                                                                      | Poster presentation - AI-assisted Scheduling: Getting more work done with smarter planning, Whitespace                                                      |
| Session 2: Operator Led AI Use Cases                                       |                                                                                                                                                             |
| 10:40                                                                      | Unlocking Leading Safety Indicators through AI-Driven Behaviour-Based Safety<br><i>Jude Adi - Fennex</i>                                                    |
| 11:10                                                                      | Harnessing AI and Machine Learning for Production Data Management:<br><i>Magnus Amaefuna - NewCross Energy</i>                                              |
| 11:40                                                                      | Transforming Capital Projects with AI<br><i>Sankesh Sundareshwar, Voltquant</i>                                                                             |
| 12:10                                                                      | Lunch                                                                                                                                                       |
| 12:45                                                                      | Student Poster Session                                                                                                                                      |
| Session 3: Demystification of AI                                           |                                                                                                                                                             |
| 13:00                                                                      | From Search to Intelligence: How Structured Metadata Enables Industrial AI Agents Abstract<br><i>Martin Bergmann - Hexagon</i>                              |
| 13:30                                                                      | From Data to Decisions: AI, ML, and Advanced Analytics for Energy Operations<br><i>Graham McHardy - SEEQ</i>                                                |
| 14:30                                                                      | AI-assisted Concept Screening: Accelerating Field Development Planning from Months to Minutes<br><i>Michiel van Haersma Buma - Whitespace</i>               |
| 15:00                                                                      | Coffee Break                                                                                                                                                |
| Session 4: AI enabled planning and scheduling, and cross industry insights |                                                                                                                                                             |
| 15:20                                                                      | Learn how the Pharma industry are deploying GenAI solutions<br><i>Lina Reituma - Blend</i>                                                                  |
| 15:50                                                                      | Generative Scheduling for Capital Projects<br><i>Dylan Marshall - ALICE Technologies</i>                                                                    |
| 16:20                                                                      | Optimizing Gas Gathering Network Operations using AI<br><i>Anvesh Reddy Chittampelli - Accenture</i>                                                        |
| Panel Session                                                              |                                                                                                                                                             |
| 16:50                                                                      | Panel Session                                                                                                                                               |
| 17:30                                                                      | Closing Remarks                                                                                                                                             |
| 17:45                                                                      | Networking Reception                                                                                                                                        |