ICAWMSCS 2025: International Conference and Advanced Workshop on Modelling and Simulation of Complex Systems



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Leveraging Advanced Data Analytics for Sustainable Energy Solutions in Africa's Oil and Gas Sector

Monday, 21 July 2025 12:05 (20 minutes)

This presentation will explore how modern data science techniques, including machine learning and predictive analytics, can be applied to optimize operations, enhance safety, and support environmental sustainability in the African energy landscape. I plan to share practical case studies and discuss the transformative potential of data-driven decision making in addressing some of the continent's energy challenges.

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Track Classification: Computing: Artificial Intelligence and Machine Learning