

Centre for High Performance Computing 2025 National Conference

Sunday 30 November 2025

Workshop: AI: Custom chatbot to build a RAG - 1/1-2 - Room 2 (09:00-10:30)

time	[id] title	presenter
09:00	[517] How custom chatbot works and how to build a RAG (Retrieval-Augmented-Generation) system from scratch	RIVIERA, Walter

Workshop: Microkinetic Modelling with ML Potentials - 1/1-10 - Room 10 (09:00-10:30)

time	[id] title	presenter
09:00	[355] From Energetics to Rates: A Hands-on Workshop on Microkinetic Modelling with ML Potentials	ABRAHAMS, Kyle GAMBU, Thobani

Workshop: TBA - 1/1-2 - Room 2 (09:00-10:30)

Workshop: TBA - 1/1-2 - Room 2 (11:00-12:30)

Workshop: Microkinetic Modelling with ML Potentials - 1/1-10 - Room 10 (11:00-12:30)

time	[id] title	presenter
11:00	[518] Microkinetic Modelling with ML Potentials	

Workshop: AI: Custom chatbot to build a RAG - 1/1-2 - Room 2 (11:00-12:30)

time	[id] title	presenter
11:00	[523] AI: Custom chatbot to build a RAG part 2	

Workshop: QML4Africa - 1/1-7 - Room 7 (13:30-15:00)

time	[id] title	presenter
13:30	[532] Quantum Machine Learning for Africa (QML4Africa)	MULLER, Stephanie

Workshop: Openstack Part 1 - 1/1-2 - Room 2 (13:30-15:00)

time	[id] title	presenter
13:30	[521] Openstack part 1	

Workshop: Materials Modelling using DFT - 1/1-10 - Room 10 (13:30-15:00)

time	[id] title	presenter
13:30	[500] Materials Modelling Workshop using Density Functional Theory (DFT)	OBODO, Kingsley

Workshop: Materials Modelling using DFT - 1/1-10 - Room 10 (15:30-17:00)

time	[id] title	presenter
15:30	[519] Materials Modelling using DFT	

Workshop: QML4Africa part 2 - 1/1-7 - Room 7 (15:30-17:00)

time	[id] title	presenter
15:30	[534] Quantum Machine Learning for Africa part 2	

Workshop: Openstack Part 2 - 1/1-2 - Room 2 (15:30-17:00)

time	[id] title	presenter
15:30	[522] Openstack part 2	

Workshop: QML4Africa part 3 - 1/1-7 - Room 7 (17:30-19:30)

time	[id] title	presenter
17:30	[535] Quantum Machine Learning for Africa part 3	