

Centre for High Performance Computing 2025 National Conference

Wednesday 03 December 2025

DIRISA: 1 - BICC.G-D2 - D2 Tsitsikamma (11:00-12:30)

-Conveners: Chair: Prof Nobert Jere

time	[id] title	presenter
11:00	[170] SAWS Climate Services and Infrastructure	MAHLOBO*, Dawn
11:20	[237] Resource Scheduling and Allocation in HPC Cyberinfrastructure	Dr OGUNLEYE*, Olalekan Samuel
11:40	[101] Data driven decision-making and policy for application in water and sanitation systems	SULIMAN*, Ridhwaan
12:00	[125] DIRISA: A National Infrastructure for Research Data Management and Collaboration	Dr PHOSHOKO*, Katlego W.
12:20	[238] Q&A	

DIRISA: Student Datathon Presentations - BICC.G-W - Wood Rooms (11:00-14:00)

DIRISA: 2 - BICC.G-D2 - D2 Tsitsikamma (13:30-15:00)

-Conveners: Chair: Prof Nobert Jere

time	[id] title	presenter
13:30	[231] Data sharing, fabric and effective governance in the error of big data analytics	MONGO*, Mawande
13:50	[100] Applications of 4IR on the diagnosis and management of STIs among key populations in Sub-Saharan Africa: A Systematic Review	Dr SIYAMAYAMBO*, Claris
14:10	[132] Crafting Open Data for Open Science: Technical Innovation and Data Management in Environmental Research — The SAEON Open Data Platform	JACOBSON*, Mark
14:30	[104] A Secure Data-Centric Model for SMMEs Across Africa: Bringing Stakeholders Together	Mr MDWABA*, Sonwabo Prof. JERE, Nobert
14:50	[233] Q&A	

DIRISA: 3 - BICC.G-D2 - D2 Tsitsikamma (15:30-16:50)

-Conveners: Chair: Prof Nobert Jere

time	[id] title	presenter
15:30	[10] AcousNomaly: Learning to Detect Anomalies in Acoustic Telemetry Data using Machine learning and Deep Learning	ZAZA*, Siphendulwe
15:50	[232] Empowering Data-Driven Research with AI Tools	NKOSI*, Lungile
16:10	[129] Obtaining and Using Data for Decision Support and Innovation in Resource-Constrained Environments	MASIZANA*, Audrey
16:30	[130] Transformer-based Sense Embeddings with Deep Learning Large Language Models for Low-Resource Language Disambiguation	MASETHE*, Hlaudi