



# Centre for High Performance Computing 2023 National Conference

## Tuesday 05 December 2023

### **Keynote: Opening (Master of Ceremony: Ms Sokhu Sibiya) - 1-1-0 - Ndlopfu Hall (08:30-09:10)**

time	[id] title	presenter
08:30	[225] CSIR Welcoming Remarks	Dr WAKABA, Lulama
08:35	[226] DSI Welcoming Remarks	Mr MOKHOHLANE, Daniel
08:45	[227] NICIS Overview	Dr SITHOLE, Happy
08:55	[229] DIRISA Highlights	Dr VAHED, Anwar
09:00	[230] SANReN Highlights	Mr DLAMINI, Sabelo
09:05	[228] CHPC Highlights	Mr CHRISTOFFELS, Mervyn

### **Keynote: Keynote 1 - 1-1-0 - Ndlopfu Hall (09:10-09:50)**

time	[id] title	presenter
09:10	[154] KEYNOTE 1: Resurrecting an Elephant Migration Route	Mr SHERRATT, Marc Mr HENSMAN, Sean

### **Keynote: Keynote 2 - 1-1-0 - Ndlopfu Hall (09:50-10:30)**

time	[id] title	presenter
09:50	[188] KEYNOTE 2: Beyond Exascale – Federation, Workflows, and large-scale AI as the next frontier	Dr HAUS, Utz-Uwe

### **Keynote: Industry Crossfire (Facilitator: Mr Dan Olds) - 1-1-0 - Ndlopfu Hall (15:30-17:00)**

time	[id] title	presenter
15:30	[231] HPC Market Overview	Mr OLDS, Dan
15:50	[232] Industry Crossfire Panel Programme	OLDS, Facilitated by: Mr Dan

# Wednesday 06 December 2023

## Keynote: Keynote 3 & 4 (Chair: Mr Sabelo Dlamini) - 1-1-0 - Ndlopfu Hall (09:00-10:30)

time	[id] title	presenter
09:00	[3] KEYNOTE 3: The Software-Defined Supercomputer	Mr TELFER, Stig
09:45	[169] KEYNOTE 4: Advancements, developments and challenges facing ZAMREN	Mr MKANDAWIRE, Stein

# Thursday 07 December 2023

**Keynote: Keynote 5 & 6 (Chair: Dr Anwar Vahed) - 1-1-0 - Ndlopfu Hall (09:00-10:30)**

time	[id] title	presenter
09:00	[170] KEYNOTE 5: QA^HPC – The Quest for Quantum/AI Optimized HPC Workflow	Prof. SHIH, Liwen
09:45	[155] KEYNOTE 6: Scientific Data Democratization: Enabling Efficient Access and Analysis of Large-Scale Scientific Data	Dr KLASKY, Scott

**Keynote: Keynote 7 (Master of Ceremony: Ms Lerato Ditshego) - 1-1-0 - Ndlopfu Hall (17:00-17:45)**

time	[id] title	presenter
17:00	[192] KEYNOTE 7: Bringing AI Everywhere	Mr AL-JESHI, Ahmed