

OMICRON South African User Conference 2024: PROVISIONAL Conference Programme

Tuesday, 30 July 2024	Wednesday, 31 July 2024	Thursday, 1 August 2024
<p>07h00 Registration & Coffee</p> <p>08h30 Tutorial Session 1: Cybersecurity Cybersecurity Solutions for Power Grids Amro Mohamed, OMICRON electronics</p> <p>Functional Cybersecurity Risk Assessments for Multiple Projects Daniel Katongo, ZESCO Ltd</p> <p>Utility Experiences Deploying an IDS in an IEC 61850 Substation Resham Singh, Ethekewini Municipality</p>	<p>07h00 Registration & Coffee</p> <p>08h30 Presentation Session 1 Islanding Capabilities of South Africa's Generation Fleet Ndumiso Nxumalo, Eskom Generation</p> <p>Importance of correctly specifying measurement instrument transformers Frans Shanyata, NamPower</p> <p>New Possibilities for Substation Engineering of using Virtualized Devices and Digital Twins Thomas Hensler, OMICRON electronics</p>	<p>07h00 Registration & Coffee</p> <p>08h30 Presentation Session 3 Towards Simplified Protection Testing Stuart van Zyl, National Transmission Company of South Africa</p> <p>Automated Motor Testing with CMC Engine Hennie Pretorius, Alectrix</p> <p>Advanced Insulation Assessment with DFR Measurement Sofiane Bakkay, OMICRON electronics</p>
<p>10h00 Coffee Break</p> <p>10h30 Tutorial Session 2 GOOSE Heartbeats and Troubleshooting Tips Ronny Lehutso, National Transmission Company of South Africa</p> <p>Interoperability Challenges of IEC61850 Vendor Configuration Tools Happiness Mhlongo, National Transmission Company of South Africa</p> <p>Experiences Testing Multivendor Busbar Protection Schemes using IEC 61850 Sampled Values Alexander Dierks, Alectrix; Andre Melo, Schneider Electric - Spain</p>	<p>10h00 Coffee Break</p> <p>10h30 Presentation Session 2 PTM for Comprehensive Diagnostic, Testing, Condition Assessment and Data Management Anas Abdulkadher, OMICRON electronics</p> <p>Presentation/Paper Speaker, Company</p> <p>Importance of Management in Secondary Systems Stefan Schoner, OMICRON electronics</p>	<p>10h00 Coffee Break</p> <p>10h30 Presentation Session 4 Comprehensive Transformer Insulation Diagnostics Sofiane Bakkay, OMICRON electronics</p> <p>Error Detection with Test Universe Tools Ndabeni Stenane, Eskom Distribution</p> <p>Travelling Wave Testing Deon Joubert, Schweitzer Engineering Laboratory</p>
<p>12h00 Lunch Break</p> <p>13h15 Tutorial Session 3 SAS Testing Throughout Project Lifecycle Arul Irudayasamy, OMICRON electronics</p>	<p>12h00 Lunch Break</p> <p>13h15 Practical Session 1 Device Management for Reliable Data with ADMO Stefan Schoner, OMICRON electronics</p>	<p>12h00 Lunch Break</p> <p>13h15 Practical Session 4 Analyze Protective Systems Behaviour Under the Effect of CT Saturation Anas Abdulkadher, OMICRON electronics</p>
<p>14h00 Coffee Break</p> <p>14h15 Tutorial Session 4 Presentation/Paper Nishan Baijnath, Schneider Electric</p>	<p>14h00 Coffee Break</p> <p>14h15 Practical Session 2 Virtual Transformer Protection Testing using RelaySimTest and the Siemens DigitalTwin Cloud Thomas Hensler, OMICRON electronics</p>	<p>14h00 Coffee Break</p> <p>14h15 Practical Session 5 Innovative Testing Solution for All Types of Circuit Breakers with CIBANO 500 Mohamed Ebrahim, OMICRON electronics</p>
<p>15h00 Coffee Break</p> <p>15h15 Tutorial Session 5 - Live Demonstration Verifying Sampled Values Publishers Peter Diamandis, Quadnet; Hennie Pretorius, Alectrix</p>	<p>15h00 Coffee Break</p> <p>15h15 Practical Session 3 Recloser Control Box Testing With ARCO 400 Pinky Seshabela, Alectrix</p>	<p>15h00 Coffee Break</p> <p>15h15 Practical Session 6 Online PD Testing of Dry Type Transformers Bernhard Engstler, OMICRON electronics, OCC Building</p>
<p>16h00 Close</p>	<p>16h00 Close</p> <p>16h15 Women in Power Engineering Challenges Faced by Female Engineers in the Industry Sy Gourrah, Actom</p>	<p>16h00 Close</p>