

# AGENDA

## Tuesday 20<sup>th</sup> March 2018

### Day 1

Time	Paper Title	Presenter
8.30 a.m.	Registration	
8.50 a.m.	Opening Welcome	Andrea Stevens OMICRON
9.00 a.m.	Developments in Wide Area Protection Security and Reliability Assessment	Peter Mangan Applied Power Technologies
9.30 a.m.	Challenges and Benefits of Adopting a New Modelling Package	Luke Napier & Robert Coggan Energy Queensland
10.00 a.m.	Why System-Based Testing Should be Part of Every Commissioning	Christopher Pritchard OMICRON
10.30 a.m.	Morning Tea	
11:00 a.m.	Impact of IEC 61850 on the Protection of Multi-Terminal Transmission Lines	Alex Apostolov PAC World
11.30 a.m.	A New Approach for Locating Fault on an EHV Transmission Line with Non-Homogenous Conductor and Multi-Circuits	Maty Ghezelayagh & Robert Scott TasNetworks
12.00 p.m.	Leveraging Digital Relays for Protection of Pumped Storage Hydro	Normann Fischer SEL
12:30 p.m.	Lunch	
1.30 p.m.	Shaft Current Effects on Rotating Machinery and How to Protect Against Them	Terry Foxcroft Snowy Hydro
2.00 p.m.	IEC 61850 testing in a DC Traction Power Distribution Network	Musa Chibowora & Hamilton Figueiredo Siemens
2.30 p.m.	Afternoon Tea	
3.00 p.m.	REFCL – The Smart Way of Neutralizing Zero Sequence Currents	Ritesh Bharat Jacobs
3:30 p.m.	Bushfire Mitigation Strategies Implemented Via Spark-Less Technology and Distributed Intelligence	Ervin Fekovic S&C Electric
4.00 p.m.	Panel Session	
5.00 p.m.	Cocktail Networking Drinks	

# AGENDA

## Wednesday 21<sup>st</sup> March 2018

### Day 2

Time	Paper Title	Presenter
8.30 a.m.	IEC 61850 Communication / IEC 61131 Programmable Logic Control Application Integration Method and Use Case	Jonathan Mann SystemCORP
9.00 a.m.	New Possibilities with Clients in Protection Testing of Substations According to IEC 61850	Thomas Schossig OMICRON
9.30 a.m.	Digital Protection using NCIT in a Process Bus Environment	Shantanu Kumar Curtin University
10.00 a.m.	Morning Tea	
10.30 a.m.	Innovative Design of IEDs and Functions Allow Flexible Transformer Protection Applications	Sebastian Schneider Siemens AG
11.00 a.m.	Pushing the Sensitivity of the Line Differential Protection with the 87LG Scheme	Leonardo Torelli CSE Uniserve
11.30 a.m.	Investigation into the Premature Failures of IEDs at Mt. Piper Power Station	Usman Mahmood Energy Australia Sy Bui Aurecon
12.00 pm	Lunch	
1.00 p.m.	Power Talk	
2.00 p.m.	ARC Management Systems	Anisur Rahman ABB
2.30 p.m.	Busbar Protection and ARC Flash Protection, Two Main Protection Schemes to Apply in Medium Voltage Switchgears	Carlos Panuco Siemens
3.00 p.m.	Closing and Afternoon Tea	Andrea Stevens OMICRON
3:30-5:00	Live Demonstrations	