

# Transformer Reliability Seminar bios

## Day 1

### Daniel Martin



**Daniel Martin** is a chartered professional engineer with 20 years of experience in transformers and electrical systems. He received a B.Eng. degree with honours in Electrical and Electronic Engineering from the University of Brighton, UK.

He has a Ph.D. degree in electrical engineering from the University of Manchester, UK. He is currently the convener of the CIGRE New Zealand panel for power transformers and reactors.

In his current role of innovation project engineer at ETEL transformers, he manages and completes technology development.

Previously, Dan was a lecturer at the University of Queensland, with his research interest being on transformer technology, and before that the director of the transformers research centre at Monash University

### Michael Jordanoff



Michael is the Senior Engineer, Grid Development at Transpower and has worked as a Power Transformer engineer at Transpower for over 30 years.

During that time he has worked on a number of aspects in the Power Transformer area including :

1. Planning
2. Procurement
3. Operational Maintenance
4. Standards Development

Michael has been a member of CIGRE AU A2 Panel from 2007 to present (14 years).

## **Lagath Ganepola**



Lagath is the Principal Engineer; Major Plant and Diagnostics at Powerlink Queensland.

Previously held positions of Manager Design; Large Power Transformers and Senior Design Engineer; Power Transformers at GE (ALSTOM) Transformers, Rocklea, Brisbane.

Member of CIGRE Australian Panel A2: Power Transformers and Reactors.

Member of Australian Standards Working Groups EL008: Transformers and EL007: Power Switchgear.

## **Joe Tusek**



Joe Tusek is the Technical Director at Verico Asset Integrity Services based in Newcastle, Australia.

During his over 40 years in the high voltage sector, he has worked in construction, operations management, power system investigations, and in the last 28 years in high voltage testing, specialising in condition assessment of high voltage assets.

He was the convenor of CIGRE WG D1.70, Understanding And Mitigating Corrosion, which resulted in TB 765, published 2019. And is now the convenor of JWG D1/B1.75, Strategies and tools for corrosion prevention for cable systems and has been past Convenor of AU D1

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## Transformer Reliability Seminar bios

### Day 2

#### Weng Guo



**Wenyu Guo** joined OMICRON Australia as a Field Application Engineer in 2012.

He is currently the Pacific Regional Application Specialist for power transformer testing and an Area Sales Manager. He was previously with the Centre for Power Transformer Monitoring, Diagnostics and Life Management at Monash University for more than 4

years.

Wenyu received a Ph.D. in Computer Science from the University of Manchester, UK.

He is a member of the CIGRE Australian Panel A2 Power Transformers and Reactors.

#### Florian Predl



Florian studied at the Federal Higher Technical Institute in Rankweil, Austria, where he graduated in 2007. There he was focusing on high frequency technology. His final thesis was focused on range extension of RFID systems for business applications by using high frequency amplifiers.

Florian Predl commenced with OMICRON Austria in 2007 as an application engineer within the Engineering Services team.

In 2013 Florian joined OMICRON Australia as a Field Application Engineer

## Yi Li



Dr Yi Li is the manager of the high-voltage laboratory at the National Measurement Institute Australia in Sydney. The laboratory is responsible for national measurement standards for high-voltage and high-current related quantities in Australia. The laboratory also provides high-voltage calibration and testing services to industry.

Dr Li was the convenor of CIGRE WG D1.35 on high-voltage and high-current testing techniques. He is presently the convenor of the CIGRE WG D1.60, on “*Traceable measurement techniques for very fast transients*”.

Dr Yi Li is also the team leaders of two IEC TC42 working groups, responsible for maintenance of IEC Standards, “*IEC 60060-2 High-Voltage Testing Techniques - Part 2: Measuring Systems*” and “*IEC 61083-1 Instruments and software used for measurements in high-voltage and high-current tests – Part 1: Requirements for instruments for impulse tests*”.

## Robert Li



Robert has 12 years experience in the power engineering industry, including 2.5 years as TransGrid’s HV Substations Maintenance Manager, 4 years as senior substations asset strategist and was previously commissioning engineer/site manager for major projects.

He is a member of CIGRE Australia A2 - Transformer Technical Panel

## **Dr Thomas Smolka**



Thomas is the Managing Director of Reinhausen Australia since June 2016. He was managing the business development of voltage regulation distribution transformers (VRDT) at MR since 2012. Previous to his career at MR Thomas has worked for a DNSP in Asset Management and Innovation.

Thomas has a MSc and PhD in Electrical Engineering from RWTH Aachen University (Germany). He is a specialist in on-load-tap-changers, Asset Management, Network Planning, Power Quality and Distributed Energy Resources (DER) Grid Integration.

Thomas is an active member in Australian's CIGRE panels A2 and C6 and EESA.

## **Alan Brown**



Alan Brown was born in Edinburgh Scotland in 1967, Alan served his apprenticeship with NEI Peebles Power Transformers, and went on to work in transformer assembly both in factory and field service.

Alan immigrated to Australia in 1990 and was employed by Westinghouse Electric Australasia as a leading hand and then transformer assembly supervisor 1990 to 1999.

Alan joined Reinhausen Australia in 1999 and for the last 18 years has been an integral part of their service division.

Alan is Reinhausen's our most experienced OLTC technical specialist.

## Paul Guy



Paul Guy is a senior manager with extensive global experience from within the wider electrical industry. A keen observer and follower of smart grid initiatives - such as data acquisition, IoT Networks, analytics, visualization, digital twins, distributed generation, energy storage, electric vehicles and waste-to-energy.

Paul has previously managed Power Systems in New Zealand for ABB, as well as the Service Business unit and Global Oil & Gas and Industries & Infrastructure for Alstom Grid - out of Brisbane and Singapore.

Most recently, Paul managed the Southeast Office based in Singapore for Wilson Transformer Company, including setting up the TechCon SEA Conference, and working closely with Dynamic Ratings and TJH2b.

In Feb 2020, Paul established a business called Smart Grid Solutions Pty Ltd, based in Brisbane, Australia, focusing on developing Smart Grid technologies supporting our electricity grid, from transformers through to electric vehicle charging.

Paul is a regular contributing member to CIGRE, including A2.43 Technical Brochure on Transformer Bushing Reliability, and Team Leader for A2.55 Technical Brochure on Transformer and Shunt Reactor Life Extension.