

# PROGRAM - DAY 1 - 17 APRIL

## 07:30 – 08:30 REGISTRATION

Welcome	Ed Wilson Wilson Transformer Company, AU
Keynote Address	Audrey Zibelman Australian Energy Market Operator, AU
Lessons learned when introducing & applying continuous condition monitoring systems	Brian Sparling Dynamic Ratings, US
Assessment of bushings under high seismic load	Janpeter Kuehnel ABB, CH

## 10:20 – 10:50 MORNING TEA & NETWORKING BREAK

Off and On-line acceptance testing and diagnostic testing of distribution cables	Karl Haubner Doble, AU
Experience with partial discharge testing on high voltage assets	Seokhoon Hong OMICRON electronics Asia, HK
NEW PRODUCTS & SERVICES	Presentation by Sponsors

## 12:40 – 13:40 LUNCH & NETWORKING BREAK

Things to consider when retro-filling transformers with natural esters	Kerry Williams KBIK Power, AU
Higher hot spots in windings in applications using natural esters vs mineral oils	Yuriy Odarenko Wilson Transformer Company, AU
Natural/Synthetic esters usage from an OLTC perspective	Thomas Smolka Reinhausen, AU

## 15:15 – 15:45 AFTERNOON TEA & NETWORKING BREAK

Recent cases and available solutions about elemental sulfur corrosion in relation with OLTC	Thomas Smolka Reinhausen, AU
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PANEL: Ester Fluids – do the benefits outweigh the challenges?  
Facilitator: Antony Giacomini, AU

CLOSING REMARKS FROM THE CHAIR FOLLOWED BY NETWORKING DRINKS

17:00 – 19:00 **NETWORKING DRINKS RECEPTION**  
Proudly supported by Wilson Transformer Company, AU

19:30 – 23:30 **CONFERENCE DINNER**  
Proudly supported by ABB MICAFIL Switzerland & Sweden

## PROGRAM - DAY 2 - 18 APRIL

### 07:30 – 08:30 REGISTRATION

#### Morning announcements

Field-testing of cast resin transformers in wind farms, industrial and marine applications under constricted space conditions  
**Dr Alexander Kraetge**  
OMICRON electronics, DE

Biofouling on outdoor insulation  
**Lars Jonsson**  
ABB, SE

Restoring a Tumut 2 generator step up transformer to service after a HV bushing failure  
**Stuart Ednie**  
Snowy Hydro, AU

### 10:25 – 11:00 MORNING TEA & NETWORKING BREAK

Test results from in-service transformers  
**Ami Singh**  
Scottish & Southern Energy, UK

Unusual DGA results in wind turbine transformers  
**Trevor Blackburn & Preet Singh**  
UNSW, AU

PANEL: TBC

### 13:30 – 14:30 LUNCH & NETWORKING BREAK

Practical fault simulation on an earthing transformer using SFRA. A unique analysis approach towards simplifying SFRA results to assist with deformation diagnosis in Earthing Transformers  
**Hayden Sherwood**  
Excess Power Equipment, AU

Complementary analysis of DV test and vibro-acoustic method for On-Load tap changers  
**Goran Milojevic**  
DV Power, SE

Dispelling the myths about corrosive sulphur  
**Nils Herlenius**  
Ergon Inc, BE

Closing Address  
**Dave Hanson**  
TJ|H2b Analytical Services, US

### CLOSE OF CONFERENCE

