



cigre

Australia



CIGRE Australia Transformer Workshop

30 April – 2 May 2024 at Ausgrid, Sydney

CIGRE Australia’s transformer and reactor workshop is being held again from 30 April – 2 May at Ausgrid in Sydney.

Bringing together experts from industry, manufacturing and universities, this workshop provides the opportunity for all those involved with research, design, procurement, commissioning, maintenance and asset management of transformers and reactors, to hear the latest developments from an interesting and diverse set of presentations.

Two tutorials will be given - on the Use of Transformer Reliability Statistics, and, Site Installation and Pre-commissioning, outlining the key takeaways of forthcoming CIGRE Technical Brochures. CIGRE Tutorials are rare and not to be missed.

The Workshop will also feature hands-on technical sessions, networking, a conference dinner and a technical tour.

Program Outline		
Tuesday 30th April 2024	Wednesday 1st May 2024	Thursday 2nd May 2024
A2 Panel Meeting 10am - 2pm (Panel Members and Guests only)	Tutorials and Paper Presentations at Ausgrid 8am - 5pm	Paper Presentations at Ausgrid 8 - 10:30am
Workshop arrival and registration 1-2pm		Site visit - Tyree Transformers
Hands on workshops at Ausgrid 2-5pm (Reinhausen and OMICRON)	Networking and Dinner, sponsored by Wilson Transformer Company and Molekulis 6:30-9:30pm	
Networking, sponsored by Reinhausen and OMICRON 5-6:30pm		

Early-bird registration is open to 17 March 2024
Members \$595/Non-members \$795

Standard pricing applies from 18 March 2024
Members \$795/Non-members \$995

Places are limited and subject to availability.

Scan to Register or for more information



OMICRON



Continued on next page ...

TUESDAY 30th APRIL

TIME	EVENT
10.00am - 2.00pm	A2 PANEL MEETING (Panel Members only)
1.00pm - 2.00pm	REGISTRATION
2.00pm - 5.00pm	HANDS ON WORKSHOPS (Reinhausen and OMICRON)
5.15pm - 6.30pm	NETWORKING EVENT Sydney Cidery, Rydges World Square, 389 Pitt Street, Sydney <i>Sponsored by: Reinhausen and OMICRON</i>

WEDNESDAY 1st MAY

TIME	EVENT	
SESSION 1	8.00am - 8.15am 8.15am - 9.45am	OPENING and WELCOME TUTORIAL #1: Site installation and pre-commissioning <i>Presented by: Matthew Gibson, Ausgrid, Working Group A2.58</i>
	9.45am - 10.15am	MORNING TEA
SESSION 2	10.15am - 12.15pm	ONLINE DGA: Case study on how monitoring the trend of hydrogen can save your transformer life <i>Presented by: Dr Tommy Halim, MR (Germany)</i> Ester fluid gas level limits and assessments <i>Presented by: Kerry Williams, K-Bik Power</i> Corrosive sulphur <i>Presented by: Adam Suleiman, AusNet</i> Condition assessment for silver sulphide corrosion related OLTC failure <i>Presented by: Dr Bhaba Das, Hitachi Energy</i>
	12.15pm - 1.00pm	LUNCH
	1.00pm - 3.30pm	Diagnostic testing of oil from transformers and tap changers <i>Presented by: Anthony Glacomin, TJH2B</i> Dynamic resistance measurement (DRM) on transformer on-load tap changer (OLTC) <i>Presented by: Dr Wenyu Guo, OMICRON</i> Physics-informed data-driven condition assessment of power transformers <i>Presented by: Dr Hui Ma, Transformer Innovation Centre (TIC)</i> Investment strategies for online monitoring to maximise coverage of transformer failure modes <i>Presented by: Seamus Allan, Dynamic Ratings</i> IEC standardization considering parts 1 and 2, i.e.: new materials, temperature limits, aging and temperature testing procedure <i>Presented by: Dr Dejan Susa, Convenor of IEC 60076-2 and IEC 60076-7</i>
	3.30pm - 4.00pm	AFTERNOON TEA
SESSION 4	4.00pm - 5.15pm	TUTORIAL #2: The use of transformer reliability statistics to make quantitative assessments of operational risk and replacement priority <i>Presented by: Dr Dan Martin, Secretary of Working Group A2.62 and AU and NZ member</i> CLOSING ADDRESS: AP A2 PANEL
	6.30pm - 9.30pm	DINNER FUNCTION Sydney Cidery, Ballroom 1 & 2, Rydges World Square, 389 Pitt Street, Sydney <i>Sponsored by: Wilson Transformer Company and Molekulis</i>

THURSDAY 2nd MAY

TIME	EVENT	
SESSION 1 8.00am - 10.15am	PAPER PRESENTATIONS: Impulse voltage testing of power transformers <i>Presented by: Dr Yi Li, National Measurement Institute</i> Distribution Tx MEPS specifications and impact of higher harmonic levels in the distribution system <i>Presented by: Dr Trevor Blackburn, UNSW and George Wilkenfeld</i> Application of IEC60076-14 in liquid-immersed transformers and main benefits to the end user <i>Presented by: Jonas Coral, Wilson Transformer Company</i> Sustainability of assets in realistic terms and targets <i>Presented by: Philippe Reboul, Molekulis</i> A2 UPDATE AND CLOSING ADDRESS AP A2 Panel Convenor	
	10.15am - 10.30am	MORNING TEA
	10.30am - 4.30pm	TYREE TRANSFORMERS TECHNICAL TOUR via Coach Coach returns to Ausgrid by approx. 4.30pm after airport drop-off at approx. 4.00pm

All information is correct at time of release and is subject to change without notice.

WORKSHOP HOST



SPONSORS



OMICRON



TECHNICAL TOUR PARTNER

