## SEAPAC 2015 DAILY PROGRAMME



DAV4 THECDAV47 Manuals	Danar	Drocontor	Company	
DAY 1 – TUESDAY 17 March	No.	Presenter	Company	
Registration				7:45
Welcome		lan Young	CIGRE AP B5	8:30 - 8:45
Keynote Address		TBA	TBA	8:45 - 9:15
Theme - DISTRIBUTED GENERATION & AUTOMATION				
Mitigation of Transformer Inrush Current Associated with DER Facilities	11	Pierre Taillefer	VIZIMAX Inc	9:15 - 9:30
Protection of Future Active Distribution Networks with Distributed Generation	61	Hannu Laaksonen	ABB Oy	9:30 - 9:45
Requirements for Real Time Digital Simulation of Wide Area Protection & Control	33	Cyprian Peters	RTDS Technologies Inc.	9:45 - 10:00
New Approach to Maximizing Reliability	45	Ervin Fekovic	S&C Electric Company	10:00 - 10:15
Q&A		Rob Coggan		10:15 - 10:30
Morning Tea				10:30 - 11:00
Theme - PROTECTION AND CONTROL DESIGN				
Western Sydney Supply Project: Protections System Designs to Commissioning	7	Gurinder Saluja	TransGrid	11:00 - 11:15
Application of Distance Protection to a Four-Ended Transmission Line	31	Khang Dang	Western Power	11:15 - 11:30
Protection Of A 220kV 50 MVAr Shunt Reactor Directly Connected At One End of a 220 kV Cable Circuit	42	Winodh Jayewardene	AECOM Australia Pty Ltd	11:30 - 11:45
Upper Tumut Switching Station Automatic Synchronisation Systems	6	Terry Foxcroft & Michael Thompson	Snowy Hydro Limited, SEL	11:45 - 12:00
Q&A				
400.		Marino Pallotta		12:00 - 12:15
Lunch		Marino Pallotta		12:00 - 12:15 12:15 - 13:15
		Marino Pallotta		
Lunch	30	Ali Sherkat Masoum	Western Power	
Lunch Theme – INTER-S/S COMMUNICATION & CYBER (SYSTEM) SEC System Management using Advanced Wide Area Digital Control			Western Power Alstom Grid UK	12:15 - 13:15
Lunch Theme - INTER-S/S COMMUNICATION & CYBER (SYSTEM) SEC System Management using Advanced Wide Area Digital Control Featuring IEC61850 MPLS/TP Networks for Inter Substation Communication for Current		Ali Sherkat Masoum		12:15 - 13:15 13:15 - 13:30
Lunch Theme - INTER-S/S COMMUNICATION & CYBER (SYSTEM) SEC System Management using Advanced Wide Area Digital Control Featuring IEC61850 MPLS/TP Networks for Inter Substation Communication for Current Differential Protection Applications in Digital Substations	41	Ali Sherkat Masoum Jesus Joao	Alstom Grid UK	12:15 - 13:15 13:15 - 13:30 13:30 - 13:45
Lunch Theme - INTER-S/S COMMUNICATION & CYBER (SYSTEM) SEC System Management using Advanced Wide Area Digital Control Featuring IEC61850 MPLS/TP Networks for Inter Substation Communication for Current Differential Protection Applications in Digital Substations A defense in depth implementation	41 34 36	Ali Sherkat Masoum Jesus Joao Jérôme Arnaud	Alstom Grid UK  Alstom Grid  Eaton's Cooper	12:15 - 13:15 13:15 - 13:30 13:30 - 13:45 13:45 - 14:00
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DAY 2 - WEDNESDAY 18 March		Presenter	Company	
	No.			0.00
Registration				8:00 -
Theme - IEC61850 TRAINING & APPLICATIONS  The Importance of Training for the Successful Development	52	James Stokes	Jarrah Solutions	8:30 - 8:45
& Delivery of Digital Substation Automation Systems		,	<u> </u>	
Automation Solutions Using IEC61850 GOOSE	20	Gideon Strydom	BECA	8:45 - 9:00
Substation HMI in an IEC61850 and Legacy environment Engineering process and integration	48	Daniel Moulds	Powerlink	9:00 – 9:15
New generation secondary systems design for Ausgrid North Sydney Zone Substation including IEC61850 with multivendor RTU and IEDs	68	Ben Haines	AUSGRID	9:15 - 9:30
Can Greenfield and Brownfield secondary systems co-exist Greenfield, Refurbishment and Augmentation Projects	47	Bruce Capstaff	Powerlink	9:30 - 9:45
Q&A		Lester Schutz		9:45 - 10:00
Morning Tea				10:00 - 10:30
Theme - FAULT ANALYSIS				
Faulting the System - The Ultimate Commissioning Test	2	Jimmy Chong	Tasmanian Networks Pty Ltd	10:30 - 10:45
High impedance Disturbance Records	23	lan Young	Schneider Electric	10:45 - 11:00
Fallen conductor and failed HV bridge detection using under voltage brownouts	24	Jethro Kairys	Ausnet Services	11:00 - 11:15
Unsynchronised Fault Location on Asymmetrical Lines	25	Darren Spoor	TransGrid	11:15 - 11:30
Hawkes Bay Loss of Supply Event - Local Consultation on Mitigation Options	50	Peter Bishop	Transpower	11:30 - 11:45
Power Swings during Fault Conditions – Blackout Analysis and Avoidance	57	Joerg Blumschein	Siemens AG	11:45 - 12:00
Q&A		Trevor Scott		12:00 - 12:15
Lunch				12:15 - 13:15
Theme - CONFIGURATION MNGMT, STANDARDISATION & VALIDA	TION			
Requirements and experience of practical secure access control and management of intelligent systems	12	Rodney Hughes	Siemens Australia	13:15 - 13:30
Remote Setting Changes	40	Graeme Heggie	Electranet	13:30 - 13:45
Substation Automation Systems -Future Possibilities for Commissioning	49	Shane Williams	Powerlink	13:45 - 14:00
Implications and Benefits of Standardized Protection and Control Schemes	65	Alexander Apostolov	OMICRON electronic	14:00 - 14:15
Total Device Management with IEC-61850 and Device Active Monitoring	66	Simon Rodriguez	SUBNET Solutions	14:15 - 14:30
Q&A		Rob Coggan		14:30 - 14:45
Afternoon Tea				14:45 - 15:15
Theme - GOOSE DESIGN, ISOLATION & TESTING				
IEC 61850 GOOSE isolation cross edition and cross vendor	5	Graeme McCLure	Ausnet Services Australia	15:15 - 15:30
A technique for analyzing the GOOSE packets transferring in the backstage of testing protection relays in IEC 61850-8-1	32	Shawn Nick	Insulect	15:30 - 15:45
Testing Protection and Automation through IEC 61850 Edition 2	60	Dylan Jenkins	Alstrom Grid	15:45 - 16:00
Isolation of IEDs for Testing in IEC 61850 Based Substation Protection Systems	64	Alexander Apostolov	OMICRON electronic	16:00 - 16:15
GOOSE Isolation – One Method or Many?	10	Abilash Chandrash	ABB Australia	16:15 - 16:30
Q&A		Marino Pallotta		16:30 - 16:45
CONFERENCE CLOSE				

THURSDAY 19 March		
Optional Technical Tour	North Sydney Substation and Rookwood Substation	TBA