

Regional South East European Conference 2018 RSEEC 2018 (fourth edition)

Innovation for efficient and effective management, solutions for power systems of the future!



Universitatea Politehnică București | București | România | October 3-5, 2018

CIGRE Regional South-East European Conference RSEEC 2018 (4th edition)

October 3rd - 5th 2018

University "Politehnica" of Bucharest, Romania

PROGRAM

Wednesday, October 3, 2018		
12:00 - 14:00	Registration - Central Library, 2nd Floor, University "Politehnica" of Bucharest	
14:00 - 16:00	Opening Plenary - Amphitheater "Radu Voinea" AN010 - Rectorate Building, University "Politehnica" of Bucharest Special Guests: CNTEE Transelectrica management, UPB rectorship	
	Tutorial 1 - HVDC technology trends and latest applications in Europe (Marcus Haeusler, SIEMENS)	
	Tutorial 2 - Station Automation Systems Cyber Security Care (Michal Andrejčák, ABB)	
16:00 - 16:10	Opening Exhibition - Central Library Foyer, 2nd Floor, University "Politehnica" of Bucharest	Exhibition 16:00 - 18:00 2nd Floor Central Library, Foyer
16:10 - 18:00	Welcome Cocktail - Central Library, 2nd Floor, University "Politehnica" of Bucharest	
Thursday, October 4, 2018		
Central Library, 2nd Floor Conference Room, University "Politehnica" of Bucharest		
09:00 - 11:00	Session 1	Exhibition 09:00 - 18:00 2nd Floor Central Library, Foyer
	The Global electricity network. Results of the feasibility study J. YU, G. SANCHIS, M. LE DU, N. CHAMOLLET, A. ILICETO, Y. ZHANG, J. FAN, K. BAKIC, B. KUMAR, L. BELEKE, J. RUAUD, S. CHATZIVASILEIADIS, D. RADU	
	<i>Discussions</i>	
	Critical infrastructure observatory M. VIZITEU ¹ , N. HADJSAID ² , R. CAIRE ² , D. GEORGES ² ¹ ROMANIA, ² FRANCE	
	<i>Discussions</i>	
	Management of insulating liquids in the modern utility C. P. WOLMARANS ¹ , B PAHLAVANPOUR ² ¹ SWEDEN, ² UK	
	<i>Discussions</i>	
Reliability of the HVAC transmission lines G. GHEORGHITĂ, I. BARAN ROMANIA		
<i>Discussions</i>		

	<p>Relay Protection Training for Testing—New Dimension E. KHAN USA</p> <p><i>Discussions</i></p> <p>Using electrical parameters measurement results in protection settings G. MORARU, F. BALAȘIU ROMANIA</p> <p><i>Discussions</i></p>	
11:00 - 11:20	Coffee Break	
11:20 - 13:00	<p>Session 2</p> <p>Tutorial 3 - Experience with the mechanical performance of non-conventional conductors. Presentation of Technical Brochure 695, WG B2.48 (Daniel Mărginean, INTEC GOPA)</p> <p>Impact of dynamic line rating on operational planning calculations of interconnected transmission systems D. PREŠIĆ, N. BOGDANOVIĆ, A. ĐALOVIĆ SERBIA</p> <p><i>Discussions</i></p> <p>Live Replacement of Broken Insulators on 400kV Tension Towers M. N. OLTEAN, D. L. BRABETE, L. PAIS ROMANIA</p> <p><i>Discussions</i></p> <p>Correlation of environmental data with power quality parameters in overhead lines K. BIELECKI POLAND</p> <p><i>Discussions</i></p> <p>Real time estimation of OHL electrical parameters from PMU data G. M. CORNEA, M. ALBU, I. C. CONSTANTIN ROMANIA</p> <p><i>Discussions</i></p>	
13:00 - 14:00	Lunch and Break	
14:00 - 16:00	<p>Session 3</p> <p>Tutorial 4 - Augmented Intelligence for Utility Asset Managers (Gregoire JULIEN, COSMO TECH)</p> <p>Building resilience using risk management and business continuity systems S. L. VORONCA ROMANIA</p> <p><i>Discussions</i></p> <p>Ester liquid filled transformers for environmental protection and sustainability M. LASHBROOK, A. GYORE, R. COPLEY, R. MARTIN UK</p> <p><i>Discussions</i></p> <p>Calculation of benefit indicators for transmission network development projects D. BOLBORICI, S. SOARE ROMANIA</p> <p><i>Discussions</i></p> <p>Simulation of Direct Current Partial Discharges Influenced by the Accumulation of Charge Carriers T.I. DIACONU GERMANY</p> <p><i>Discussions</i></p> <p>Real-Time Simulation of small scale power grids using software in-the-loop and hardware in-the-loop R. PLĂMĂNESCU ROMANIA</p> <p><i>Discussions</i></p>	
16:00 - 16:20	Coffee Break	
16:20 - 18:00	<p>Session 4</p> <p>Increasing the ampacity of an existing 220 kV OHL in Romania D. MĂRGINEAN, M. UZUN, I. D. HAȚEGAN, L. IACOBICI ROMANIA</p> <p><i>Discussions</i></p>	

	<p>Smart meter solution towards observability and enhanced security in Smart Grids M. SÂNDULEAC, D. STĂNESCU, C. DIACONU, C. STĂNESCU ROMANIA</p> <p><i>Discussions</i></p> <p>Smart Grid concept in Transelectrica O. D. LEBEDOV ROMANIA</p> <p><i>Discussions</i></p> <p>Sub-regional direct benefits from cross-border provision of balancing energy and reserves at Black Sea region based on market-based and cost-based approaches O. B. TÖR¹, M.E. CEBECI¹, M. STOJKOVIC², D. ORLIC², C. GODFREY³, G. WRAY³, W. POLEN³, B. BIALY³, J. AMODEO³ ¹TURKEY, ²SERBIA, ³USA</p> <p><i>Discussions</i></p> <p>Review of error sources for impedance-based fault location algorithms M. DRAGOMIR, GH. MORARU, A. IAMANDI, A. MIRON, A. DRAGOMIR ROMANIA</p> <p><i>Discussions</i></p> <p>Power system automations against transient disturbances I. C. CONSTANTIN, C. CONSTANTIN, F. BĂLAȘIU ROMANIA</p> <p><i>Discussions</i></p>	
19:00 – 22:00	Conference Networking Dinner –Casa Oprea Soare (Hanu' Berarilor Casa Soare)	
Friday, October 5, 2018		
Central Library, 2nd Floor Conference Room, University "Politehnica" of Bucharest		
09:00 – 11:00	<p>Session 5</p> <p>Tutorial 5 -Managing the Transition to Digital Substations (Volker GSAENGER, SIEMENS)</p> <p>The necessity of longitudinal differential protection on short electric line A. IAMANDI, I.C. CONSTANTIN ROMANIA</p> <p><i>Discussions</i></p> <p>Analysis of the necessity of installing flexible AC transmission devices in the National Power System in the context of increase power in the Dobrogea area R. N. DINCULESCU ROMANIA</p> <p><i>Discussions</i></p> <p>The concept of digital substation in Romanian TSO installations B. LEU ROMANIA</p> <p><i>Discussions</i></p> <p>The impact of battery energy storage systems on distribution networks D. BOLBORICI ROMANIA</p> <p><i>Discussions</i></p> <p>Impact of large volatility of RES in power systems and mitigation A. CONSTANTIN ROMANIA</p> <p><i>Discussions</i></p> <p>Aspects of common grid model exchange standard implementation in C.N.T.E.E. Transelectrica S.A. O. MÂNICUȚĂ ROMANIA</p> <p><i>Discussions</i></p>	<p>Exhibition 09:00 - 13:00 2nd Floor Central Library, Foyer</p>
11:00 - 11:20	Coffee Break	
11:20 - 13:00	<p>Session 6</p> <p>Tutorial 6 - Technical risks and solutions from periodic, large surpluses or deficits of available renewable generation (Ciprian DIACONU, CNTEE TRANSELECTRICA)</p> <p>Energy performance analysis using EnergyPlus for an office building G. SUCIU, M. C. DIȚU, I. ROGOJANU, T. UȘURELU ROMANIA</p>	

	<i>Discussions</i>	
	<i>UAV development and application in the power system</i> A. CONSTANTIN ROMANIA	
	<i>Discussions</i>	
	<i>Single line diagram of a part of the power system.analysis by simulation methods</i> V. STAHIE ROMANIA	
	<i>Discussions</i>	
	<i>The influence of climate factors on the 400 kv OHL in Romania. Monitoring them with numerical protection</i> V. VÎLCU ROMANIA	
	<i>Discussions</i>	
	<i>SF6 analysis for condition based maintenance of HV circuit breakers</i> G. JIROVEANU ROMANIA	
	<i>Discussions</i>	
13:00 - 13:15	<i>Closing Plenary - Central Library, 2nd Floor, University "Politehnica" of Bucharest</i>	

* . *