	Tuesday, 22 September, 2026			
	09:00 – 09:30	Registration		
	09:30 – 10:30	**Opening Plenary & Exhibition Tour**		
	10:30 – 11:00	**Coffee Break**		
Session 1 – Digital Power Systems, Smart Grids and Cybersecurity Chair: Costel Constantin	**11:00 – 11:45**	**Tutorial 1**	**Huawei: Enabling Future Intelligent Power Systems: Building Connected and Intelligent Infrastructure for the AI Era**	**David He Qiang - China Bert Klaps - Belgium**
	11:45-12:00	1005	Toward Same-Day Site Permit Issuance: A Single-Platform GIS Workflow Integrating Power Grid and Meteorological Data	Alexandra Bondar
	12:00 – 12:15	1006	Cross-System Data Consistency – Ensuring Transformer Traceability to Support ADMS Capacity Analysis	Mihaela Puscasu
	12:15 – 12:30	1002	A Statistical Health Index-Based Methodology for Remaining Service Life Estimation of Power Transformers Using DGA, Paper Insulation Condition and Gas Growth Analysis	Soheil Shahrokhy
	12:30 – 13:00	1008	Strategic Transition Toward Resilient AMI Infrastructures: Optimizing G3-Hybrid PLC+RF Communications to Reduce Operational Effort and Overcome Noise Barriers in Low-Voltage Networks	Cosmin-Florin Acsinte & Eusebiu-Ștefan Grigoraș
	13:00 – 14:00	**Lunch Break**		
Session 2 – Active Transmission & Distribution Networks and Voltage Control Chair: Nicolae Matei	**14:00 – 14:45**	**Tutorial 2**	**Hitachi Energy: The Expanding Role of FACTS in Converter-Dominated Power Systems: Grid Stabilization, Renewable Integration, and Large Load Interconnection**	**Francesco Baccino - Italy**
	14:45 – 15:00	1012	Doubling the existing overhead line power transport capacity. Case study of the 220 kV double circuit o/h line Bucharest South- Ghizdaru	George Florea
	15:00 – 15:15	1014	Transmission at high voltages as a desire for both HVDC and HVAC systems	Georgel Gheorghiță
	15:15 – 15:30	1016	Study on the Performance of Numerical Distance Relays Compared with the Analog Relay LZ 31 for HV and EHV Overhead Transmission Lines	Alexandru Miron
	15:30 – 16:00	1018	Mitigation of Conductor Sway on 230 kV Overhead Transmission Lines Using Line-Post Insulators and Composite Wind-Damping Barriers	Daniel Diniz Ardies
	16:00 – 16:30	**Coffee Break**		
Session 3 – Future Transmission Networks: Capacity, Resilience and Protection Chair: Georgiana Ion	16:30 –16:45	1003	ADMS tools for voltage control	Remus Dumitrescu
	16:45 –17:00	1013	Solutions for connecting high-power transformers to the medium-voltage network for limiting voltage variations	Florinel Popescu
	17:00 – 17:15	1015	Out-of Step Protection for the OHL 400 kV ETN in Romania	Valentin Vilcu
	17:15 – 20:00	**Welcome Cocktail**		
	Wednesday, 23 September, 2026			
Session 4 – Power System Equipment, Infrastructure and Asset Management Chair: Ion Păun	09:00 – 09:45	**Tutorial 3**	**Design and consultancy for high-voltage overhead lines. Experience and achievements**	**Georgel Gheorghiță - Romania**
	09:45 – 10:00	1011	Transformer liquid–cork composite compatibility testing: limitations of ASTM D3455 and its influence on the results	Hugo Campelo
	10:00 – 10:15	1024	The Use of Lidar Sensors for Online Monitoring of High-Voltage Overhead Power Lines	Constantin Moldoveanu
	10:15 – 10:30	1021	Techno-Economic Sizing of Substation Grounding Risers: NBR 15751/ IEEE 80	Mateus Oliveira
	10:30 – 10:45	1022	Geotechnical Study And Foundation And Retaining Solutions For An Electrical Substation In Coastal Sedimentary Deposit Subsoil	Guilherme Souza Santos
	10:45-11:15	**Coffee Break**		

	11:15 – 12:30	**Roundtable**	**Connecting Moldova and Romania: Solutions, Projects and Opportunities**	**TSOs & EMOs from Romania & Moldova: -Transelectrica, Moldelectrica, OPCOM, OPEM** **Moderated by Ciprian Diaconu, Chair - CIGRE Romania**
	12:30 – 13:30	**Lunch Break**		
Session 5 – Next Generation Scientific Paper Contest **Chair: Bogdan Leu**	13:30 – 13:45	1001	Energy Management and Optimisation of a Standalone PV-Wind-Battery System for Remote Weather and Telecom Stations - Case Study: Penteleu Massif, Buzău County, Romania	Ilinca Brăslașu
	13:45 – 14:00	1028	Digital Low-Voltage Monitoring Deployment in Bucharest – Lessons Learned from a Large-Scale Field Implementation	Andrei Popa
	14:00 – 14:15	1009	Grid Integration Considerations and Design Basis for Photovoltaic System Numerical Modeling	Ioan-Dorel Pastina
	14:15 – 14:30	1010	Adaptive Leadership and Team Performance in Middle Eastern Solar EPC Projects: Investigating the Drivers of Project Success	Muhammad Mateen ul Hassan
	14:30 – 14:45	1017	Probabilistic analysis of renewable energy sources integration using Monte Carlo simulations	Gabriel Mohanu
	14:45 – 15:00	1019	Negative Price Estimation Algorithm for the Day-Ahead Market	Darius-Dimitrel Pavel
	15:00 – 15:30	**Coffee Break**		
	15:30 – 15:45	1004	Load-Dependent Automatic Voltage Regulation of HV/MV	Constantin-Vlad Chiriac
	15:45 – 16:00	1020	Increasing The Transfer Capacity Of Overhead Power Lines Using High-Capacity Conductors	Alexandru-Cristian Petrov
	16:00 – 16:15	1023	BESS systems for optimizing energy consumption in industry: technical-economic study	Elena Alexandra Mateșică
	16:15 – 16:30	1025	Engineering Assessment and Digital Twin Modelling of Aging Transmission Towers	Feleki Attila
	16:30 – 16:45	1026	Operational Challenges and Flexibility Solutions for Power Systems with Increasing Prosumer Participation	Valeria – Alina Răducan (Andronescu)
	16:45 – 17:00	1027	Integration of Energy Storage Systems into the Romanian Power System – Opportunities and Operational Challenges	Valentin – Dorian Răducan
	17:00 – 17:30	**Announcement of Results and Award Ceremony**		
	17:30 – 17:45	**Closing of the scientific program of the event by the CIGRE Romania Chair**		
	19:00 – 23:00	Festive Dinner - The Casino of Constanța		
	Thursday, 24 September, 2026			
	10:00 – 13:00	**Monsson: Wind & Storage Park Technical Visit**		