

	Sunday 4 October 2026			
17.00-19.00	Welcome drinks (<i>Hotel Titania - Garden roof top</i>)			

	Monday 5 October 2026	Presenter	Country	Affiliation
08.00-08.30	Walk-in			
08.30-09.00	Welcome notes			
09.00-10.30	Session I: Development & implementation of new models [Session chair: Delcho Penkov]			
	Statistical tabulation in ATPDraw v7.8	Hans Hoidalén	Norway	NTNU
	Modelling controlled sources and operational amplifiers in ATPDraw	Hans Hoidalén	Norway	NTNU
	Modeling of surge protective devices for electromagnetic transient simulation	Thomas Tsovilis	Greece	Aristotle University of Thessaloniki
	A frequency-dependent surge arrester model in ATP-EMTP for harmonic rich temporary overvoltage analysis	Pavan Dhulipala	The Netherlands	WSP
10.30-11.00	Coffee break			
11.00-12.30	Session II: Switching transients I [Session chair: Andrea Mansoldo]			
	Impact of fault modeling approach on SVLs dimensioning in underground cables	Iordanis Chalepidis	Greece	Hellenic Cables
	Energization of long HVAC submarine cables in Spain	Sergio Martínez Villanueva	Spain	Red Eléctrica
	Energization overvoltages in a 380 kV Siphon circuit: A comparative analysis between ATP-EMTP simulations & on-field transient measurements	Kostas Velitsikakis	The Netherlands	TenneT
	Assessment of fault-clearing TRV in cable-rich 170 kV GIS using ATP-EMTP for the 145 kV SF6-free switchgear application	Benard Makaa	The Netherlands	Delft University of Technology
12.30-13.30	Lunch break			
13.30-15.00	Session III: Protection, electrical machine & telecom applications [Session chair: Thomas Hunger]			
	A frequency-based fault location method for overhead metallic return conductors in HVDC transmission system	Davide Rufini	Italy	Terna
	Response of distance protection in presence of inverter-based resources with realistic current limitation	Diego Cavaliere	Italy	RSE
Online	Simulation of battery discharge under thermally characterised cable conditions in telecom towers	Michail Pitsikalis	Greece	Technical University of Crete
Online	Determination of saturated subtransient direct-axis reactance using unsaturated data and the saturation curve results	R. Sousa	Brazil	Petrobras
15.00-15.30	Coffee break			
15.30-17.00	Session IV: Switching transients II [Session chair: Zacharias Datsios]			
	Simulation methodology of hybrid 3kV DC circuit breaker switching operations in DC traction systems focusing on MOV energy absorption	Panagiotis Raptis	Greece	Raycap
	Analysis of cable discharge for inductive voltage and combined transformers in ATP-EMTP	Kostas Velitsikakis	The Netherlands	TenneT
Online	Assessment of switching transients during MV cable energization considering vacuum circuit breaker reignitions using ATP-EMTP	Miguel Oncebay	Peru	inel Grid
Online	Transformer energization and sympathetic inrush assessment in industrial networks using ATP-EMTP	Miguel Oncebay	Peru	inel Grid
18.00-20.00	Guided tour			
20.00-00.00	Gala dinner (Restaurant Dionysos Zonar)			

	Tuesday 6 October 2026	Presenter	Country	Affiliation
08.00-08.30	Walk-in			
08.30-09.00	Towards grid forming benchmarking implementation to maintain power system stability in high penetration of inverter based resources	Rossano Musca	Italy	University of Palermo
09.00-10.30	Session V: Lightning applications [Session chair: Kostas Velitsikakis]			
	An investigation of the impact of modeling aspects on the lightning overvoltages arising at a MV/LV distribution substation with emphasis on insulation flashover prediction	Zacharias Datsios	Greece	University of Western Macedonia
	Implementation of ATP/EMTP for statistical calculations of lightning processes in cable lines	Mikhail Dmitriev	Portugal	Cabelte
	Impact of damaged jacket on the integrity of MV wind farm cables subject to lightning impulse	Konstantinos Koutras	Greece	Hellenic Cables
	Accuracy of conventional flashover models to non-standard lightning impulse waveshapes	Sebastian Spaans	The Netherlands	Delft University of Technology
10.30-11.00	Coffee break			
11.00-12.30	Session VI: Electromagnetic interference & grounding applications [Session chair: Hans Hoidalén]			
	Coupled voltages and currents to a disconnected and earthed circuit of an overhead line with parallel circuits in operation on the same tower	Mustafa Kizilcay	Germany	University of Siegen
	Transient performance analysis of high-voltage substation grounding systems under lightning and fault conditions	Avraam Tsirekis	Greece	University of Patras
	Finite section cable modelling application for interference study between HVDC cable and metallic pipeline	Gabriele Tresso	Italy	Terna

	Drone-based measurement, simulation, and safety evaluation of magnetic coupling effects in double-circuit overhead lines	Tareq Abuaisha	Germany	TenneT Germany
12.30-13.00	Closing			
13.00-14.00	Lunch break			
14.00-17.00	EEUG members meeting			

	Wednesday 7 October 2026	Course instructor	Country	Afiliation
08.00-08.30	Walk-in			
08.30-10.00	Course Part I			
	Switching Transients and Vacuum Circuit Breaker Arc Interaction with the Network, Prof. Marjan Popov	Prof. Marjan Popov	The Netherlands	Delft University of Technology
10.00-10.30	Coffee break			
10.30-12.00	Course Part I			
	Switching Transients and Vacuum Circuit Breaker Arc Interaction with the Network, Prof. Marjan Popov	Prof. Marjan Popov	The Netherlands	Delft University of Technology
12.00-13.00	Lunch break			
13.00-14.30	Course Part II			
	Very Fast Transients: Modelling and Theory for Gas Insulated Switchgear Insulation Coordination studies using EMTP-ATP	Dr. Jonathan James	Wales	
14.30-15.00	Coffee break			
15.00-16.30	Course Part II			
14.00-17.00	Very Fast Transients: Modelling and Theory for Gas Insulated Switchgear Insulation Coordination studies using EMTP-ATP	Dr. Jonathan James	Wales	