



2021 Virtual User Conference Program

Los Angeles Start time (PST)	New York Start time (EST)	Paris Start time (CET)	Chennai (IST) Start time	31-Aug-21	1-Sep-21	2-Sep-21	3-Sep-21	6-Sep-21	7-Sep-21
1:00 AM	4:00 AM	10:00 AM	1:30 PM		<p>A case study of optimization of Neutral Grounding Reactor Parameters Umesh Sen, <i>Power Grid (India)</i></p>	<p>Real case of a resonance in a Power Plant Andreia Leiria, <i>EDP (Portugal)</i></p>	<p>A Novel Non-Iterative Fault Location Algorithm for Transmission Line With Unsynchronized Terminal Using EMTP Dr. Sanjoy Kumar Parida, <i>Indian Institute of Technology, Patna (India)</i></p>	<p>Closed-loop synthetic inertia control of a variable-speed wind turbine generator Pr. Yong Cheol KANG, <i>Yonsei University (Korea)</i></p>	<p>Reactive Power Energy Management, Analysis of Reactive Power Consumption in Solar Power Plant and provide solution for its mitigation technique using EMTP Neeraj Patel, <i>Adani Power (India)</i></p>
2:00 AM	5:00 AM	11:00 AM	2:30 PM		<p>VFTO induced TGPR analysis for 400kV GIS Substation N.K. Nathan, <i>KNR Engineers Pvt. Ltd. (India)</i></p>	<p>Measurement and EMTP simulation of ferroresonance phenomenon Pr Ivo Uglesic, <i>FER (EU)</i></p>	<p>Ground fault detection and Feeder protection of 2x25kV Railway Traction System Suyash Kulkarni & Suved M. Pakade, <i>Ashida Electronics Pvt. Ltd. (India)</i></p>	<p>Analysis and Calculations in Medium Voltage Electrical Systems - Two "Circuit Breaker Suitability" Case Studies Stefano Vitali, <i>ABB (Italy)</i></p>	<p>Response of overhead lines to direct lightning strikes: assessment of the lightning electromagnetic pulse (LEMP) effects Carlo Alberto Nucci, <i>University of Bologna (Italy)</i></p>
3:00 AM	6:00 AM	12:00 PM	3:30 PM			<p>Simulation of Inductive Electromagnetic Interference Caused by an HVDC Underground Cable Link on a Nearby Railway System Theofilos PAPANOPOULOS, <i>DUTH (EU)</i></p>	<p>Impact of power transformer energization on relay protection operation Pr Bozidar Filipovic-Grcic, <i>FER (Croatia)</i></p>		<p>Switching of Inductive Currents and Dimensioning of RC-Snubbers with PAMSUITE Philipp Hackl, <i>TU GRAZ (Austria)</i></p>
4:00 AM	7:00 AM	1:00 PM	4:30 PM						
5:00 AM	8:00 AM	2:00 PM	5:30 PM		<p>Design and Performance Assessment of Harmonic Filters Using EMTP Davor Vujatovic, <i>Vanda (UK)</i></p>	<p>Ground Fault Overvoltage with Inverter-Based Distributed Energy Resources – Modeling & Simulation Requirements Aboutaleb Haddadi, <i>Electric Power Research Institute (EPRI) (USA)</i></p>	<p>Screening Studies for Susceptibility to Sub Synchronous Control Interaction using EMTP Dr. Romulo Bainsy, <i>University of Idaho</i> & Jared Mraz, <i>Power Engineers Inc.</i> & Dr. Normann Fischer, <i>Schweitzer Engineering Laboratories</i>, Dr. Johnson, <i>University of Idaho (USA)</i></p>	<p>Locating faults in electrical power networks using EMTP-RV: a practical case Asia Codino, <i>Streamer (Switzerland)</i></p>	<p>From FEMM to EMTP cable data – how to use FEMM to compute the power cable parameters Frédéric Colas, <i>L2EP (LILLE Arts & Metiers / Centrale) (EU)</i></p>
6:00 AM	9:00 AM	3:00 PM	6:30 PM	<p>Conference introduction EMTP Development roadmap Jean Mahseredjian, EMTP Lead Developer & Henry Gras, EMTP Director & Jesus Morales, EMTP Developer & Anton Stepanov, EMTP developer PGSTech (Canada)</p>	<p>Traveling-wave fault locator model development using EMTP Dr. Milton Quinteros & Thomas Field, <i>Energy Services, Inc.</i> & Toby Russell & Dr. Prashanna Bhattarai, <i>Louisiana Tech (USA)</i></p>	<p>Optimization of control parameters of grid-connected PV system in EMTP using particle swarm optimization Bikrant Poudel, <i>University of New Orleans (USA)</i></p>	<p>Dynamic Overvoltage conditions experienced at a PV solar power plant Chandra Pallem, <i>EnerNex (USA)</i></p>	<p>Induced voltage study Rohit Kunte, <i>MidAmerican Energy (USA)</i></p>	<p>Conference Closure</p>
7:00 AM	10:00 AM	4:00 PM	7:30 PM		<p>Modular Multilevel Matrix Converters for Low Frequency AC Transmission Rafael Castillo Sierra, <i>WEMPEC (University of Wisconsin – Madison) (USA)</i></p>	<p>Developing a Manufacturer Black Box STATCOM Model in EMTP Tim Freiberg, <i>AMSC (USA)</i></p>	<p>EMTP in Transmission Planning Research Bob Arritt, <i>Electric Power Research Institute (EPRI) (USA)</i></p>	<p>Measurements and Simulations of Electromagnetic Transients in Wide Distribution Networks Luiz Felipe Ribeiro Barrozo Toledo, <i>Lactec (Brazil)</i></p>	<p>IBR</p>