

powersys

Simulation Solutions for Electrification JMAG & PSIM Conference 2020

Virtual Edition | Oct. 5th to 16th

The program



Motor Design

Motor Drive

Power Conversion

Renewable Energy

Multiphysics

Product updates

New York Start time (EST)	Paris Start time (CEST)	Chennai (IST) Start time	Japan Start time (JST)	5-Oct-20	6-Oct-20	7-Oct-20	8-Oct-20	9-Oct-20
4:30 AM	10:30 AM	2:00 PM	5:30 PM	Introduction, Vincent Capron Powersys (France)				
5:00 AM	11:00 AM	2:30 PM	6:00 PM				PSIM implementation for modelling the solar based Grid-fed converter, Prachi Arora Luminous power technologies PVT Ltd (India)	
6:00 AM	12:00 PM	3:30 PM	7:00 PM				Simulations for the design of supercapacitor-based energy storage in large scientific facilities, Alessandro Lampasi ENEA (Italy)	
9:00 AM	3:00 PM	6:30 PM	10:00 PM		PSIM Implementation of a Dynamic Model of Three-Phase Induction Motors, Danilo Camuglia University of Catania (Italy)		Experimental platform for the study of impact of rooftop PV system integration on distribution grid, Ilhem Slama-Belkhdja ENIT (Tunisia)	Development planning of PSIM, Hua Jin Powersim (USA)
10:00 AM	4:00 PM	7:30 PM	11:00 PM					Switched-Capacitor Front-End Converter for Universal Power Factor Correction Applications, Yasser Nour Technical University of Denmark (Denmark)
11:00 AM	5:00 PM	8:30 PM	12:00 AM					

Motor Design

Motor Drive

Power Conversion

Renewable Energy

Multiphysics

Product updates

New York Start time (EST)	Paris Start time (CEST)	Chennai (IST) Start time	Japan Start time (JST)	12-Oct-20	13-Oct-20	14-Oct-20	15-Oct-20	16-Oct-20
4:00 AM	10:00 AM	1:30 PM	5:00 PM			A 30kw wireless power charging system for electric vehicles, Zariff Meira Gomes VEDECOM (France)		
5:00 AM	11:00 AM	2:30 PM	6:00 PM	Efficiency and Voltage Gain of PFC Circuit Under Variation in Load and Frequency of Operation Using Wideband Gap Devices, Sooraj V TATA ELXSI (India)		Design and Analysis of SEMiX151GD066HD IGBT switching and Conduction Losses using PSIM, Dr V Indragandhi Vellore Institute of Technology (India)	The best coupling tools in MBD for motor drive simulations: JMAG & PSIM, Didier Zefack & Adrien Michel Powersys, (France)	Dynamic control of Three-Phase Induction Motors with Scalar control at low speeds, Kaarthi.C VERSA DRIVES (India)
6:00 AM	12:00 PM	3:30 PM	7:00 PM	High Voltage DC-DC converter for design and simulation for Microwave Device application, Ajeet Kumar Dhakar CSIR-CEERI,PILANI (India)	Simulation of DAB in PSIM for academic demonstration, Sumantra Bhattacharya ULM University (Germany)			
9:00 AM	3:00 PM	6:30 PM	10:00 PM	A Hybrid Multitrack-Sigma Converter with Integrated Transformer for Wide Input Voltage Regulation, Mingxiao Li Technical University of Denmark, (Denmark)		Invertek Motor Drive Power Stage Input Harmonics Improvement and Thermal Rise Optimization by Using PSIM Simulation Data, Xuefu Zhang & Liam Blewett Invertek Drives		
10:00 AM	4:00 PM	7:30 PM	11:00 PM	Power production: using PSIM to design the excitation system and analyze its performance in the design phase, Etienne MORIETTE Omexom, (France)	Asymmetrical secondary modulated AC-DC converter for three-phase PFC application, Denys Zinchenko Tallinn Technical University (Estonia)	EDU development with virtual twin of testbed, Andrea Piccioni & Inigo Garcia de Madinabeitia AVL Graz (Austria)	Thermal Equivalent Circuit Model of Multi-Die SiC Power Modules, Carmelo Barbagallo University of Catania (Italia)	
11:00 AM	5:00 PM	8:30 PM	12:00 AM					



powersys

**Simulation Solutions
for Electrification**

JMAG & PSIM Conference 2020

Virtual Edition | Oct. 5 to 16

The **2020 Powersys Conference** will take place from **October 5th to 16th**.

Two of our core products: **JMAG** and **PSIM** will be highlighted during this event through user stories, poster and partner presentations.

This conference is a perfect opportunity for **all stakeholders involved in vehicle electrification** to learn more about how to:

- Use integrated model-based design solutions to shorten and fasten development cycle
- Bridge the gap between power electronics and motor design .

This event will bring together electrical & electromechanical power system experts, software users and developers and Powersys' team.

To participate

Due to the COVID-19 outbreak, this event will be virtual and hosted on the virtual platform, **Whova**.

To participate, register at:

www.powersys-solutions.com/uc2020

We look forward to seeing at the conference.

The Powersys team