PEDG 2016 | Tutorials

VANCOUVER, CANADA - JUNE 27-30, 2016

Monday, June 27th

8:30 (90 min)	**Tutorial 1** **Reliability of Power Electronics Converters for Renewable Energy Systems** *by Frede Blaabjerg and Huai Wang (Aalborg University)*	**Tutorial 2** **Extreme Control Performance for Power Electronics** *by Martin Ordonez and Ignacio Galiano (University of British Columbia)*
(15 min)	*Coffee Break*	
10:15 (90 min)	**Tutorial 3** **Control of Power Electronics Systems using Predictive Switching Sequences and Switching Transitions** by Sudip K. Mazumder (University of Illinois)	**Tutorial 4** **Design Challenges for High Frequency Magnetic Circuit Design for Power Conversion** by William Gerard Hurley (National University of Ireland)
12:00 (60 min)	**Lunch + Tutorial 5** **Speeding up Grid-Link Inverter Development with Offline, Processor-In-Loop (PIL), and** *by Albert Dunford (Powersim)*	
13:00 (90 min)	**Tutorial 6** **Electric Springs - A Smart Grid Technology for Taming the Intermittent Nature of Wind and Solar Power** *by Ron S.Y. HUI and Chi Kwan LEE (The University of Hong Kong)*	**Tutorial 7** **HIL and RCP capabilities of real-time digital simulators for MMC and other power converter applications** *by Maxim Beaudoin and Wei Li (OPAL-RT Technologies)*
(15 min)	*Coffee Break*	
2:45 (60 min)	**Tutorial 8** **Real-Time Power Electronic Plant Model Generation for PLECS RT Box** *by Kristofer Eberle (Plexim)*	