

THE IEEE CONFERENCE ON POWER ELECTRONICS AND  
RENEWABLE ENERGY  
MOVENPICK, ASWAN, EGYPT  
OCT. 23-25, 2019

## PROFESSIONAL SEMINARS



### PROFESSOR. FRED LEE

College of Engineering, Virginia Tech, USA  
NEXT GENERATION OF POWER SUPPLIES



### PROFESSOR. JOSÉ A. COBOS

Centre for Industrial Electronics (CEI), UNIVERSIDAD POLITÉCNICA DE MADRID, Spain  
SYNTHESIS OF POWER CONVERTERS BASED ON "VA INTERPRETATION AND  
"CONTINUOUS POWER MODELS".  
FOCUS ON "PARTIAL" AND "DIFFERENTIAL POWER PROCESSING



### PROFESSOR. LIUCHEN CHANG

University of New Brunswick (UNB), Canada  
POWER SYSTEM SUPPORT FUNCTIONS OF DISTRIBUTED ENERGY RESOURCE  
(DER) INVERTERS



### PROFESSOR. JIAN SUN

Rensselaer Polytechnic Institute (RPI), USA  
MODELING AND DAMPING OF RENEWABLE ENERGY AND HVDC SYSTEM  
RESONANCES



### PROFESSOR. PRASAD ENJETI

Texas A&M University, USA  
POWER ELECTRONICS INTELLIGENCE AT THE GRID EDGE TO ACHIEVE HIGH  
PV PENETRATION



# PROFESSOR. RALPH M. KENNEL

Technische Universitaet Muenchen (TUM), Germany

PREDICTIVE CONTROL - THE POWERFUL METHOD TO CONTROL POWER CONVERTERS AND DRIVES IN THE FUTURE



# PROFESSOR. FREDE BLAABJERG

Aalborg Universitet, Denmark

POWER ELECTRONICS – THE KEY TECHNOLOGY FOR RENEWABLE ENERGY SYSTEM INTEGRATION



# PROFESSOR. EDUARD ALARCÓN

Technical University of Catalunya (UPC BarcelonaTech), Spain

VERTICAL CO-DESIGN AND INTEGRATION IN ENERGY

HARVESTING: FROM

DEVICE, CIRCUIT AND SYSTEM LEVELS TO IOT APPLICATIONS



# PROFESSOR. OSAMA A. MOHAMMED

Florida International University, USA

CHALLENGES TOWARDS INTELLIGENT AND MINIATURIZED POWER

ELECTRONIC SYSTEMS

*Special Certificate*

**INDIVIDUAL**

**GROUP (5 OR MORE)**

**1750**

**1000 / PERSON**

## FOR MORE INFORMATION



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