

At a Glance - Technical Programme of the Conference



Room	Monday 19 th June			Tuesday 20 th June					Wednesday 21 st June			
	1300-1400	1400-1630	1700-1820	0840-0910	0910-1030	1050-1250	1350-1550	1610-1810	0900-1020	1040-1240	1340-1540	1540-1610
Strathblane Hall	Registration			Registration					Registration			
Pentland		TUT3	IP	OS	PS	T4	T4	T4	PS	T4	T4	
Sidlaw		TUT1				T4	T4	T4+SS19 +T2		T4	T4	
Fintry		TUT6				T5	T5	T5		T5+T4 +SS21		CS
Tinto						T1	T1	T1		T1	T1	
Moorfoot						T2	T2	T2		T2	T2+T6	
Kilsyth						T3	T3	T3		T3	T3+SS13	
Harris 1		TUT5				T6	T6	T6		SS04 + SS19	SS20+SS17	
Harris 2		TUT8				T14+T13 +SS15	T7	T7+SS14 +SS10		T12	T12	
Carrick 1		TUT2				T8	T8+SS18	SS06+T9		SS12+T4	SS18+T9	
Carrick 2		TUT7				T9	SS02+SF	T11		SS01	SS01+SS17	
Carrick 3						SS09+SS21	SS07+SS16	SS05+T3		SS08	SS8+SS17	
Ochil 2						T10	T10+T13					

IP – Industry Panel

OS – Opening Session

PS – Plenary Session

CS – Closing Session

TUT1 Tutorial 1: New Trends in Battery Management Systems for Lithium Ion Batteries
 TUT2 Tutorial 2: Tiny Inductively Powered Battery Chargers
 TUT3 Tutorial 3: Periodic Control of Power Electronic Converters
 TUT4 Tutorial 4: Control Architectures for Power Quality Enhancement in Microgrids
 TUT5 Tutorial 5: High-efficiency power conversion with silicon
 TUT6 Tutorial 6: Fundamentals, Modulation and Control of MMC
 TUT7 Tutorial 7: Design Aspects for Energy Storage Systems
 TUT8 Tutorial 8: Smart Open-Source Electronics

T1 Power Systems and Smart Grids
 T2 Electrical Machines and Industrial Drives
 T3 Control Systems and Applications
 T4 Power Electronics and Energy Conversion
 T5 Renewable Electric Energy Conversion, Processing and Storage
 T6 Mechatronics and Robotics
 T7 Factory Automation and Industrial Informatics
 T8 Electronic Systems-on-Chip and Embedded Systems
 T9 Computational Intelligence. Image Processing

T10 Sensors, Actuators and Micro-Nanotechnology
 T11 Automotive Technology
 T12 Building Automation, Control and Management
 T13 Engineering Education
 T14 Entrepreneurship and Management - Challenges for Industrial Electronics
 T15 Industrial Cyber-Physical Systems

SS01 Machine vision, control and navigation
 SS02 Impedance Source Converters: Control, Improved Topologies, and Emerging Applications
 SS03 Building Automation and IoT Applications for Energy Efficiency
 SS04 Advanced Power Electronics for Power Quality in Distributed Power Systems
 SS05 New Era of Smart Grids: The role of Smart Meters
 SS06 Internet of Robots
 SS07 New Era of Prosumers: Operation Strategies, Control Algorithms and Power Electronics
 SS08 Fault Diagnosis and Fault Tolerance in Power Electronics and Drives
 SS09 On-board Micro-grid for the More Electric Aircraft

SS10 Industrial Automation and Process System's Security
 SS11 Efficient and Reliable Hybrid and Electric Propulsion Systems
 SS12 Advances in nonlinear control for power generation
 SS13 Integrated Design of Sensing and Actuation for Human Support Applications
 SS14 Signal and Power Automation Design for Communication Systems
 SS15 Control Algorithm and Converter Topologies for Energy Efficient Control of AC drives
 SS16 Modelling, Analysis, and Management of Hybrid Energy Storage Systems
 SS17 Technology Design on Human Factors
 SS18 IoT Technology for Reliable User-Centric Sensing and Healthcare Applications
 SS19 Resilient Renewable Energy and Storage Systems
 SS20 Flexible Electronics: Technologies and Applications
 SS21 Control and Management of local networks with energy storage

SF Student Forum