

<b>Session 1:</b> <b>Monitoring, Protection, Control and Automation</b>	Distribution Automation (DA) and Advanced Distribution Management Systems (ADMS)
	Reliability and Resilience of Energy Systems
<b>Session chair:</b> <b>Prof. Mahmoud Fotuhi-Firuzabad</b>	Monitoring, Situational Awareness, Protection and Fault Management

<b>Session 2:</b> <b>Artificial Intelligence (AI), Data Infrastructure and Energy Metering</b>	Advanced Metering Infrastructure (AMI) and Industrial Internet of Things (IoT)
	Data Mining and Data-driven Energy Engineering
<b>Session chair:</b> <b>Dr. Alireza Fereidunian</b>	Communication infrastructure and information technology

<b>Session 3:</b> <b>Microgrids and Distributed Energy Resources (DERs)</b>	Planning and Operation Electric Microgrids
	Distributed Energy Resources (DER): Renewables, distributed generations and Storages
<b>Session chair:</b> <b>Dr. Geovork Gharehpetian</b>	

<b>Session 4:</b> <b>Emerging Topics in Energy Markets, Demand Side (DSM) and Multicarrier Energy</b>	Local Energy Markets and Peer-to-peer Energy Trading
	Demand Side Management and Demand Response
<b>Session chair:</b> <b>Prof. Masoud Rashidinejad</b>	Multi-carrier Systems of Electricity. Gas, Water and Energy Hubs

<b>Session 5:</b> <b>Energy Smart Environments and Cyber-physical Systems</b>	Smart Homes, Smart cities and Self-sufficient Energy Buildings
	Cyber-Physical Systems, Cyber and Physical Security
<b>Session chair:</b> <b>Dr. Hamidreza Baghaee</b>	Standardization, Cultural Issues, Legislation and Regulations

<b>Session 6:</b> <b>Power Electronic Converters in Smart Grid and Electric Transportation</b>	Electric Transportation and Electric Vehicles
<b>Session chair:</b> <b>Dr. Abdollah Shamisa</b>	Power Electronic Converters