

Telecomunicações, Eletrônica e Energia



Primeira entrega - 23/8/2017

Entregar em formato PDF um documento com a descrição principal da ideia e o tópico que pretende trabalhar, a entrega já deve estar formatado em estilo de artigo ([ieee transaction](#)), como no exemplo em anexo. Os envios devem ser feitos via BlackBoard até 00:00 do dia 23/8/2017. Todos os temas devem se enquadrar em alguma área descrita neste folder.

O link a seguir possui sugestões de tópicos que podem virar artigos:

Telecomunicações

<http://infocom2018.ieee-infocom.org/content/call-papers-main-conference>

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| <ul style="list-style-type: none">● Big data and data processing for networks● Cellular networks● Cloud computing● Cognitive radio networks● cooperative networking● Cross-layer optimization and control● Crowdsourcing● Cyber-physical systems● Datacenter networking● Delay tolerant networks● Energy efficiency● Fault tolerance, reliability and survivability● Flow and congestion control● Game theory in networks● Information security and privacy● Information centric networking● Interference management and mitigation● Internet of Things● Localization and location-based services● Medium access control● MIMO-based networking● Mobile cloud computing● Mobility management and models● Multimedia networking● Network calculus● Network coding● Network economics and pricing● Network management | <ul style="list-style-type: none">● Network measurement and analysis● Network security and privacy● Network virtualization● Optical networks● Overlay and peer-to-peer networks● Quality of Service and resource management● Router and switch design● Routing & Multicast● Scaling laws and fundamental limits● Scheduling and buffer management● Smart antenna based networking● Smart grid● Smartphone and mobile applications● Social computing and networks● Software defined networking● Tactile Internet● Vehicular networks● Web applications and content distribution● WLAN, WPAN, RFID, and NFC● Wireless security and privacy● Wireless sensor networks● |
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Energia

<http://sites.ieee.org/isgt-europe-2017/call-for-papers-2/>

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| <ul style="list-style-type: none">• Industry experience in deploying smart grid technologies for power generation, transmission, distribution, energy conversion and storage• Transmission system technologies, HVDC and FACTS• Distribution system and substation automation• Information and communication technologies for smart grids, interoperability and cyber-security• System integration of distributed energy resources, islanding and microgrids, hosting capacity and power quality• Planning and management of smart grid assets• Electric vehicle technologies and interactions with the grid• Power electronics, control and protection systems for smart grid applications• Smart grid monitoring and advanced metering infrastructures• Diagnostics, maintenance, risks, reliability, vulnerability and self-healing of smart grids• Demand side management, home automation and ambient intelligence• Uncertainty management in smart grid planning, forecasting and operation• Regulations, standards and codes for smart grids• Computational intelligence and data analytics• Smart grid impacts on electricity markets, pricing and incentive/penalty schemes | <ul style="list-style-type: none">• Smart multi-energy infrastructures and the environment |
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Eletrônica https://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=36717	
<ul style="list-style-type: none"> • Microelectronics Device Processing • Process Integration and Reliability Testing • MEMS and Nano-electronic Devices • VLSI, SoC and Embedded System Cloud Computing • Computational Electromagnetics • Image and Video Signal Processing • DSP Algorithms and Architectures • Biomedical Applications and Bioinformatics • Pattern Analysis and Classification • Distributed Computing • System Security AI • Soft Computing • Evolutionary Algorithms • Information Theory • Wireless and Broadband Communications • Optical Communications • RF and Microwave Communications • Antenna and Propagation • Satellite Communications • EMI and EMC, Microwave Circuits and Components • Signal Processing for Communication 	