

Call For Papers - Camada Física da Computação

Agosto, 2017

Telecomunicação, 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, 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.

Maiores detalhes em :

<https://github.com/Insper/Camada-Fisica-Computacao/tree/master/3-Projetos/A-ARTIGO-Ideia>

Telecomunicação

<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 | <ul style="list-style-type: none"> • Smart multi-energy infrastructures and the environment • Smart grid impacts on electricity markets, pricing and incentive/penalty schemes |
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Eletrônica

https://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=36717

- 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