CALL FOR PAPERS (ASDRAN 2016)

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The First International Workshop on Advanced Software Defined Radio Access Networks 2016 (ASDRAN 2016)
To be held in conjunction with IEEE International Conference on Communications in China
Chengdu, China, 27th-29th July 2016.

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With rapid development of chipsets and electronic components, mobile devices is approaching to the top of the electronic equipment list for Internet accessing and data applications. The sharp rise of mobile traffic demands in wireless communication introduce big challenges to network infrastructures. Meanwhile, massive machine-to-machine communication with flexible topology brings further technical problems of radio resource allocation and network management. Advanced Software Defined Radio Access Networks (ASDRAN) is recognized as a key technology to cope with various dynamics in future networks enabled by heterogeneous networks. Inspired by the Software Defined Network and Network Function Virtualization, ASDRAN-2016 aims to be a high-standard workshop that presents state-of-the-art contributions on the system architecture design, network deployment and implementation of infrastructures, protocols and algorithms, security enhancement and appealing applications conceived for ASDRANs.

Topics of interests

We welcome all original, unpublished contributions spanning ALL aspects of ASDRANs. Possible topics of interest include, but are not limited to.

- Network architecture for future wireless networks
- Cloud-based/or wired network infrastructure
- Control Plane and Data plane decoupling
- Open-flow management
- Network protocols for ASDRANs
- Admission control strategies for heterogeneous networks
- Traffic engineering in software defined networks
- Multi-hop and Cognitive Radio
- Radio resource management
- Scheduling scheme
- Network coding
- Energy Efficiency
- Services, management and applications
- In-network storage and processing
- QoE/QoS assurance
- Network virtualization
- Hybrid energy resource management
- Security enhancement and Privacy issue
- Evaluation tools and testbeds for ASDRANs

Submission Guidelines

The workshop accepts only novel, previously unpublished papers. All submissions should be written in English with a maximum paper length of six (6) printed pages (10-point font) including all text, figures, and references (up to two extra pages at additional cost). Only PDF files will be accepted for the review process. Standard IEEE conference templates for LaTeX/MS Word formats are found at here: http://www.ieee.org/conferences_events/conferences/publishing/templates.html. The proceedings of the workshops program will be published as the ICCC2016 main conference, and will be also included by **IEEE Digital Library**.

Workshop Co-chairs:

Yan Sun, Queen Mary University of London, United Kingdom
Xiaodong Xu, Beijing University of Posts and Telecommunications, China
Hewu Li, Tsinghua University, China
Liqiang Zhao, Xidian University, China

***Program Committee Members*:**

Chungang Yang, Xidian University
Hewu Li, Tsinghua University, China
Liqiang Zhao, Xidian University, China
Qian Wu, Tsinghua University, China
Vicent Pla, Universitat Politècnica de València, Spain
Xiaodong Xu, Beijing University of Posts and Telecommunications, China
Yanzhao Hou, Beijing University of Posts and Telecommunications, China
Yan Sun, Queen Mary University of London, United Kingdom

Important Dates

Paper submission due: **15nd May, 2016 (Extended)**
Author Notification: 3rd June, 2016
Camera ready papers: 10th June, 2016

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