

CALL FOR PAPERS

IFIP WWIC 2016  
14th International Conference on  
Wired/Wireless Internet Communications

<http://www.wwic.info>

May 25-27, 2016  
Electra Palace, Thessaloniki, Greece

\*\*\*\*\* NEW PAPER SUBMISSION DEADLINE: FEBRUARY 5, 2016 \*\*\*\*\*

Internet is being extended beyond its traditional boundaries through gradually incorporating a wide-range of challenging networks and autonomous devices. From traditional wireless networks to opportunistic networks of mobile devices in urban environments and deep-space communications, the new approaches require an efficient merging with the traditional wired infrastructure. The need for more efficient protocols, clean-slate or evolutionary architectures, merging and assembling of different network technologies, unified operation and management of the heterogeneous components and the support for new cloud services are only few examples of the wide range of technologies building-up this new global network. IFIP WWIC addresses research topics such as the design and evaluation of protocols, the dynamics of the integration, the performance tradeoffs, the need for new performance metrics, and cross-layer interactions. This year, we further solicit submissions on mobile clouds and mobile edge computing (MEC), and applications of NFV and SDN to wireless and mobile networks.

The conference will constitute a forum for the presentation and discussion of the latest results in the field of wired/wireless networks and will aim at providing research directions and fostering collaborations among the participants. In this context, the program committee will accept a limited number of papers that meet the criteria of originality, presentation quality and topic relevance. IFIP WWIC is a single-track conference which has reached, over the last 13 years, a high quality level, which is reflected by the paper acceptance rate as well as the level of attendance. Following the conference tradition, there will be a best paper award. Selected presentations will be broadcasted live in the Internet.

All submissions must describe original research, not published or currently under review for another workshop, conference, or journal. The proceedings will be published by Springer in the series Lecture Notes in Computer Science.

Topics of interest include, but are not limited to, the following:

- AAA in mobile environments
- Ad-hoc networks
- Blended network configurations
- Community networks
- Cross layer design and optimization
- Delay/disruptive tolerant and opportunistic networking
- Economic issues of challenging networks
- End-to-end Quality of Service support
- Handover techniques
- Heterogeneous wireless access networks
- Hybrid wired / wireless environments
- Information centric networking
- Interactions between wireless and optical networks
- Integration of wired and wireless networks

- Modeling of heterogeneity aspects
- Mobile clouds and mobile edge computing (MEC)
- Mobile service level agreements / specifications
- Network design and network planning
- Network mobility and mobility management
- Network coding in mobile networks
- Network Function Virtualization (NFV)
- Network security in mobile environments
- Pricing, charging, and accounting
- QoS signalling in mobile environments
- Resource management and admission control
- Routing in mobile and opportunistic networks
- Service composition and management
- Simulation of next generation mobile networks
- Software-defined wireless networks
- Space internetworking
- Technologies beyond 3G networks
- Traffic characterization and modeling
- Traffic engineering
- Transport protocols and congestion control
- Unified management of integrated challenging networks
- User-centric networking
- Vehicular networks
- Virtual and overlay networks
- WiFi hotspot sharing
- Wireless mesh networks
- Wireless multimedia systems
- Wireless network monitoring
- Wireless sensor networks

KEYNOTE SPEAKERS

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Scott Burleigh, NASA Jet Propulsion Laboratory (JPL), USA  
 George Pavlou, University College London (UCL), UK  
 Vassilis Tsaoussidis, Democritus University of Thrace, Greece

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PAPER SUBMISSION AND PUBLICATION

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The maximum size of papers should be 12 pages including tables and figures. The cover page must contain an abstract of at least 70 and at most 150 words, 3-5 keywords, name and affiliation of author(s) as well as the corresponding author's e-mail and postal address. In your submission, please adhere to the formatting standard for a 12-page manuscript of Springer International Publishing. There you will find templates for preparing the submission using either LaTeX (recommended) or Microsoft Word. Notice that in the submission phase we only accept a PDF document produced from the properly formatted original editable document.

Papers must be submitted electronically through EDAS.

You can find detailed submission instructions at:  
<http://www.wwic.info/paper-submission>

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Submission implies the willingness of at least one author to attend the conference and present the paper. Accepted papers will appear in the conference proceedings.

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#### IMPORTANT DATES

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- Manuscript submission deadline: February 5, 2016
- Manuscript acceptance notification: February 29, 2016
- Camera-ready paper submission: March 11, 2016

#### CONTACT

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For further information, please visit the conference website at: <http://www.wwic.info> or contact the conference organizers at: [organizers@wwic.info](mailto:organizers@wwic.info)

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