Call for Papers

The Fifth International Workshop on Ad Hoc, Sensor and P2P Networks (AHSP2013)

At Mexico City, March 6-8, 2013.

This workshop will be held in conjunction with the 11th International Symposium on Autonomous Decentralized Systems (ISADS 2013, http://www.isadsmexico2013.mx/).

Important Dates

Paper Submission Due: October　29,　2012 (Extended, Firm deadline)
Acceptance Notification :   November 30,　2012
Camera-Ready Paper Due: December 31,　2012

Scope of the conference

  The recent growth of high speed wired/wireless access and LANs, functional wireless terminals such as smart phones, and cost-effective sensor/tag devices increasingly stimulate the emergence of user-centric network services collecting and exploiting user-provided data. Examples of them are monitoring and notification system of children or elderly people using sensor data, user-provided broadcast services such as "ustream", etc. In order that the networks support these services in the flexible and scalable manners, multihop/relay technique involving user terminals will play a key role. From this perspective, mobile ad hoc and mesh networks, sensor networks and P2P networks have been attracting much attention.

  These networks typically consist of equal nodes without any central control, and they have many similar research issues as autonomous decentralized systems. Distributed topology management, resource management and routing are common research challenges in all these networks. In sensor networks, many-to-one routing constrained by batteries lead to an important research topic. In P2P networks, distributed caching and QoS delivery is one of key topics to achieve scalability in large networks. The objective of this Workshop is to discuss new approaches and technologies in the field of ad hoc and mesh networks, sensor networks and P2P networks through papers. Particularly, we welcome papers describing protocol designs or performance evaluations both from theoretical and practical aspects, or describing observations and findings from practical experiments.

  Suggested topics include but are not limited to the followings:

- Network configuration and topology management
- Cross-layer design and interaction
- Energy efficiency
- Location management, location based services
- Distributed sensing
- Network coding
- Vehicular networks
- Measurement from experimental test-beds
- Cognitive radio networks
- Medium access control for resource management
- Scalable and robust routing

with respect to ad hoc networks/sensor networks/P2P networks.

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Information for Authors

[1] Papers must describe original work not submitted or published elsewhere.

[2] Maximum 6 pages. IEEE two-column-format should be used. A sample paper and the formatting instructions are found at the following URL.
http://www.ieee.org/conferences_events/conferences/publishing/templates.html

[3] Each Paper should include; title of the paper, authors, affiliations, 150-word abstract and list of keywords. Also, postal mailing address, telephone/fax numbers, and email address should be included.

[4] At least one of the authors must register for each paper and present the paper at AHSP 2013.

[5] All papers should be submitted should be submitted to the ISADS submission site at :
https://www.easychair.org/conferences/?conf=isads2013. The file format should be PDF.