

Call for Papers

The Fourth International Workshop on Ad Hoc, Sensor and P2P Networks AHSP2011

At Tokyo Japan, March 25, 2011.

This workshop will be held in conjunction with the 10th International Symposium on Autonomous Decentralized Systems ISADS 2011, <http://www.isads2011.info.hiroshima-cu.ac.jp/>.

Important Dates

~~Paper Submission Due : October 24, 2010 (Extended)~~

~~Acceptance Notification : December 3, 2010 (Extended)~~

Camera-Ready Paper Due: January 7, 2011

Scope of the conference

The recent growth of high speed wired/wireless access and LANs, functional wireless terminals such as netbooks or 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
- Medium access control for resource management
- Power management
- Scalable and robust routing
- Quality of services QoS delivery
- Mobility models and location management, location based services
- Cross-layer design and interaction
- Constructing, operating, and experimenting a test-bed
- Design of practical application systems

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

Advisory Committee

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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] One of the authors of each accepted paper must present the paper at AHSP 2011.

[5] All submissions should be electronic document in Adobe Acrobat .PDF, or Microsoft Word .DOC.

[6] Submitted paper should be sent by e-mail to morino[at]shibaura-it.ac.jp please replace [at] with @.

In Subject of email, do not forget to input "AHSP2011".

[7] For general information, see our World-Wide Web Page

at:<http://www.morino.ce.shibaura-it.ac.jp/AHSP2011/index.html>

The proceedings of the workshop will be published by IEEE Computer Society and IEEE Xplore.