

CALL FOR PAPERS

Third IEEE PerCom Workshop on Pervasive Wireless Networking (PWN07)

<http://www.eecs.orst.edu/~benl/PWN07>

in conjunction with

Fifth IEEE International Conference on Pervasive Computing and Communications

(PerCom 2007) <http://www.percom.org>

White Plains, New York

March 19-23, 2007

WORKSHOP OBJECTIVES

Wireless connectivity, mobility support, location awareness, and integration of wireless networks to the Internet are key research challenges in pervasive computing and communications. With the advent of inexpensive wireless solutions such as WiFi, Bluetooth, and ZigBee, a number of challenges arise when these protocols are applied to wireless PAN, home networking, and WLANs. This workshop seeks papers describing significant research contributions to the theory, practice, and evaluation of wireless networks for pervasive computing. Exploitation of emerging wireless technologies such as transmit power and rate control, spectral agility, adaptive carrier sensing, cooperative communication as well as application of existing technologies to new applications such as wireless mesh networks and sensor networks are especially welcomed. Technical papers describing original, previously unpublished research, not currently under review by another conference or journal, are solicited. Workshop topics include (but not limited to):

- Media access techniques and protocols
- Mobility and location management
- Power management and energy aware protocols
- Adaptive transmit and rate control
- Spectral agility and cooperative communication
- Mobile ad hoc and wireless mesh networks
- Distributed wireless sensor networks
- Integration and internetworking of wired and wireless networks
- Self-configuration and distributed algorithms
- Quality-of-service issues
- Network architectures and testbeds
- Measurement studies
- Modelling and performance evaluation

SUBMISSION

Authors are requested to submit original papers of no more than 5 pages (standard IEEE proceedings two-column format), including figures, tables, and references in PDF format that include contact information of all the authors to Prof. Ben Lee (benl@eecs.orst.edu). If you have any questions regarding the submission process, please send e-mail to benl@eecs.orst.edu. Note that each accepted paper has to have one author registered as a full (non-student) technical session attendee. The papers from this workshop will be published in the proceedings of the Fifth IEEE International Conference on Pervasive Computing and Communications by IEEE Press.

WORKSHOP CO-CHAIRS

Ben Lee, Oregon State University (benl@eecs.orst.edu)

Chansu Yu, Cleveland State University (c.yu91@csuohio.edu)

PROGRAM COMMITTEE

Martin Mauve (Univ. Dusseldorf, Germany)

Dongman Lee (ICU, Korea)

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Hee-Yong Youn (Sungkyunkwan Univ., Korea)

Ye Zhu (Cleveland State Univ.)

PUBLICITY CHAIR

Mieso Denko (Univ. Guelph, Canada)

IMPORTANT DATES

October 6, 2006 (extended): Paper due

November 22, 2006: Acceptance notification

December 22, 2006: Final camera ready paper due