

# Call for Proposal /Papers

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Journal of Personal and Ubiquitous Computing

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## *Special Issue on "Smartphone Applications and Services for Pervasive Computing"*

### **Overview**

Smartphone is an outcome of a state of the art and novel mobile technologies that includes highly capable handheld device or cell-phone with advanced features such as iPhone OS, Android, Linux Mobile, Windows Mobile/Phone operation system, access to the Internet, and other computer-like processing capabilities similar to personal computer. Recently, smartphones have been widely used and are reaching over 4 billion subscribers these days due to their innovative capabilities of supporting many interesting/valuable applications and handheld mobile Internet service. Most of researchers predict smartphone will have a portion about 40 % among whole mobile handsets. On the other hand the rapid growing trends of smartphones throughout the past few years have contributed to increasing Pervasive Computing (PC) for providing a variety of convergence services, playing a key role to connect with smart and intelligent computing devices.

The goal of this issue is to bring together the state of the art research contribution that describes original and unpublished work addressing for Smartphone Applications and Services technologies for PC. It will reflect the state-of-the-art of the various smartphone applications and services, open market place for smartphone applications, smartphone platforms, smartphone security of new processing techniques in engineering, science, and other disciplines related to the smartphone applications and services for pervasive computing. Topics of primary interest include, but are not limited to:

**Topics** (Areas of interest for this special issue include the following topics)

- Smartphone applications for PC
- Smartphone converged services for PC
- Smartphone platform for PC
- Smartphone middleware in PC
- Smartphone multimedia services in PC
- Smartphone connectivity for PC
- Smartphone security issues for PC
- Smartphone service managements and policies for PC
- Smartphone challenges and future trends

## Submissions Instructions

Submissions should be e-mailed as a PDF file directly to the guest editors of the special issue. Additional information regarding journal submissions is available at:

<http://www.springer.com/west/home/computer/user+interfaces?SGWID=4-154-70-1118980-0&detailsPage=journal%7CcopyrightInformation>.

The deadline for receiving submissions is January 30th, 2011. All contributions will be peer reviewed based on the journal's standard. We encourage potential authors to contact the editors well before the final deadline. Draft submissions are welcome if authors seek early feedback. For further information or to discuss a possible contribution, please contact the special issue Guest Editor, Jong Hyuk Park ([parkjonghyuk1@hotmail.com](mailto:parkjonghyuk1@hotmail.com)) and Dr. Taeshik Shon ([743zh2k@gmail.com](mailto:743zh2k@gmail.com)). The special issue will additionally select the best papers, in extended and revised version, from the 2010 International Workshop on Smartphone Applications and Services (Smartphone 2010), Gwangju, Korea, December 9-11, 2010.

Each submitted paper will be reviewed by at least three special issue (SI) editorial committee members who are experts in the SI areas and recommended by the SI Guest Editors. After the first round of the review, the authors whose papers have been accepted, will be requested to improve their papers according to referees' comments and submit the revised versions for the second round of review.

## Schedule

Submission due: Jan. 30, 2011

Acceptance notification: May 30, 2011

Final paper submission due : 4<sup>th</sup> Quarter, 2011 (Tentative)

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