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**Call for Paper**

Wireless pervasive computing is a rapidly growing area that has attracted significant attention due to its potential impact on the quality of lifestyles of individuals. To enable wireless pervasive computing, it is necessary to integrate technologies from the fields of communications, signal processing, distributed computing, and numerous other fields. The aim of this symposium is to provide a platform for researchers in the area of wireless pervasive computing and related areas to showcase their results, launch new ideas, as well as to interact with colleagues from these areas.

The scope of the symposium covers all enabling technologies of wireless pervasive computing. This includes a huge variety of topics ranging from wireless communications and networking to services and applications of pervasive computing. A series of panel and tutorials will also seek to inform and invoke interaction among researchers which are interested in this area.

**Topics of interest (include but are NOT LIMITED to the following)**

<table>
<thead>
<tr>
<th>Ad hoc networks</th>
<th>Localization and tracking techniques</th>
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<tbody>
<tr>
<td>Air interfaces (e.g. CDMA, OFDM, TDMA)</td>
<td>Location management techniques</td>
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<td>Bluetooth technologies</td>
<td>Middleware</td>
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<td>Coding and modulation techniques</td>
<td>MIMO systems</td>
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<td>Cognitive radio</td>
<td>Multimedia systems</td>
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<td>Cooperative communications technologies</td>
<td>Multirate and multicarrier communications</td>
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<td>Cross-layer design</td>
<td>Multi-user Detection</td>
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<td>Detection and estimation</td>
<td>PCS, GPRS, EDGE, 3GPP, UMTS, GSM and B3G systems</td>
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<td>Diversity techniques &amp; equalization</td>
<td>Power control Programmable radio</td>
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<td>Dynamic spectrum management</td>
<td>Propagation and channel characterization</td>
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<td>Healthcare applications</td>
<td>QoS Support in wireless systems</td>
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<td>Hybrid wireless networks</td>
<td>Resource management and interference management</td>
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<td>Interference avoidance</td>
<td>RF systems Security applications</td>
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<tr>
<td>Interoperation of WLAN and other wireless systems</td>
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**Paper Submission Guidelines**

Acceptance will be based on an extended abstract of about 1500 words (two pages in the standard IEEE conference format). The extended abstract should include diagrams, initial results, and details required for the reviewers to assess the contribution of your work. A short summary of approximately 150 words is also required at the time of submission of the extended abstract. Extended abstracts must be submitted electronically by August 20, 2006, via EDAS ([http://edas.info](http://edas.info)). Proceedings of the conference will be available on IEEE Xplore after the event.

**Panel Sessions & Tutorials**

Proposals for Tutorial and Panel Sessions are also being solicited. Tutorials (half-day or full-day sessions) are intended to provide in-depth learning on a specific topic of interest to the participants. Panel sessions are 60 minutes long. They present leaders in a particular area discussing a topic of interest within the scope of the symposium. Proposals for Tutorials and Panel sessions should consist of 1000 words summary, a 150 word abstract, and a cover page listing the details of the author(s). For further details, please contact either the Tutorial Chair, Prof. Xiaoyan Hong ([hxy@cs.ua.edu](mailto:hxy@cs.ua.edu)), or Panel Chair, Prof. Wilson Rivera ([wrivera@ece.uprm.edu](mailto:wrivera@ece.uprm.edu)).

**Important Dates**

- Last date for submitting of papers, proposals for tutorials and panel sessions: **August 20, 2006**
- Notification of Acceptance: **October 1, 2006**
- Last date for submission of camera-ready versions of accepted papers: **November 18, 2006**

**Technically Sponsored By**

- IEEE
- IEEE Communications Society
- VTS

5-7 February 2007, San Juan, Puerto Rico, USA  
http://www.iswpc.org/2007/