IEEE GLOBECOM 2011 Workshop:

Call For Papers
**2011 IEEE International Workshop on Recent Advances in Cognitive Communications and Networking (RACCN)**

Houston, Texas, USA, 5 - 9 December 2011

<http://www.eng.fsu.edu/~mingyu/raccn-2011.html>

**Scope and Motivation**

It has been widely recognized that our communication networks are converging in a sense that all kinds of applications will be serviced by a few common networks with various wireless devices at the access parts. Therefore, the networks must be cognitive or intelligent to adapt to different sizes, applications, QoS and security requirements, with appropriate networking technologies and resources. The goal of this workshop is to bring together the R&D professionals in cognitive radios and exchange ideas in summarizing the latest issues and progresses.

We also plan to publish extended versions of accepted papers in the workshop in a special issue in a journal such as ERASIP Journal of Wireless Communications and Networking in 2012 .

**Main Topics**

The focus of this workshop is cognitive radios and cognitive networks, particularly all sorts of cognitive wireless network protocols and applications. The interested topics include, but are not limited to, the following:

* Architectures of Cognitive Communication Netwroks
* Cognitive MAC/Routing/Transport Protocols
* Cognitive Radio Platforms and Testbeds
* Simulation Tools for Cognitive Communications Networks
* Security Techniques in Cognitive Communication Networks
* Applications of Cognitive Communication Networks
* Efficient Spectrum Sensing for Cognitive Radios
* Spectrum Sharing Techniques in Cognitive Radios
* Interference Management and Mitigation Techniques
* Dynamic Spectrum Access and Management for Cognitive Networks
* Radio Resource Management and Radio Channel Allocations
* Cross-layer Design and Optimization in Cognitive Networks
* Performance Optimization of Cognitive Radio Networks

**Important Dates:**

Paper Submission Deadline: July 7, 2011

Decision Notification: August 15, 2011

Camera Ready Due: August 31, 2011

**Workshop Co-chairs:**

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**Paper Submission Guideline:**

Papers should be submitted via EDAS to Globcom’s Workshop submission link: [http://edas.info//N10877](http://edas.info/N10877)

The guidelines for authors, such as paper length, format, and template can be found in Globecom’s website: <http://www.ieee-globecom.org/authors.html>. Should you have any questions about the workshop, please contact the workshop chairs.

[Latest Updated Schedule for RACCN 2011](M10-RACCN-program-draft-v3.docx)