

ICC 2011 Report:

Cognitive Radio and Networks Symposium

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CFP for Cognitive Radio Networks Symposium

Main Topics of Interest about Cognitive Radio Networks Symposium

Fundamental performance limits and information-theoretic aspects of cognitive radio networks

Novel algorithms and architectures for cognitive radios and networks

Spectrum sensing, measurements and statistical modeling of spectrum usage

Dynamic spectrum sharing, resource allocation, multiple access and interference management with cognitive radios

Distributed cooperative spectrum sensing

Distributed adaptation and optimization methods

Cognitive machine learning techniques

Interoperability and co-existence issues, cognition in heterogeneous networks

Cognitive MAC, QoS management and routing protocols for dynamic spectrum access

Security and robustness of cognitive spectrum-agile networks

Cross-layer design and optimization of cognitive radio systems

Multimedia (e.g., video) communications over cognitive radio networks

Applications of cognitive radio networks, including cognitive radio techniques over TV whitespaces, cellular networks, public safety networks, etc.

Pricing models for spectrum sharing in cognitive radio

Regulatory policies and their interactions with signal processing and networking

Cognitive radio test-beds and hardware prototypes

CRN Submission Status

- Submission Deadline: Sep. 20, 2010 (after extensions).
- Accept Notification: Jan 11, 2011.
- Camera-Ready: 11 Feb. 2011.

- ICC 2011:

Received: 201 Accepted: 77

Acceptance ratio: 38.3%

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