

CALL FOR PAPERS

Doha, Qatar
21–23 April, 2015
www.crowncom.org

Scope

2015 marks the 10th anniversary of the International Conference on Cognitive Radio Oriented Wireless Networks (Crowncom 2015). Crowncom 2015 will be hosted by Texas A&M University at Qatar 21-23 April, 2015. The event will be a special occasion to look back at the contribution of the Crowncom 2015 toward the advancements of cognitive radio technology since its inaugural conference in Mykonos Island, Greece, in 2006 — as well as to look forward to the decades ahead, the ways that cognitive radio technology would like to evolve, and the ways its emerging applications and services can ensure everyone is connected everywhere.

Crowncom 2015 will feature a comprehensive technical program including seven technical tracks and a number of tutorial and special sessions. Crowncom 2015 will also include Demo and Exhibition program, panels of regional and international experts, and keynote speakers. The conference will bring together academic and industry researchers to identify and discuss the recent development, highlight the challenging gaps and forecast the future trends of Cognitive Radio Technology toward their integration with the fifth generation (5G) of networks.

Crowncom 2015 invites you to submit your technical regular research and position papers, tutorial, special session and panel proposals on the following topics of interest, but not limited to:

Topics

- ❑ **Track 1 – Dynamic Spectrum Access/ Management**
Track Chair: Mohammad Shaqfeh, Texas A&M University at Qatar, Qatar
- ❑ **Track 2 – Networking Protocols for Cognitive Radio**
Track Chairs: Tamer Khattab, Qatar University, Qatar, Amr Mohamed, Qatar University, Qatar
- ❑ **Track 3 – Modeling and Theory**
Track Chairs: Zouheir Rezki, KAUST, Saudi Arabia, Syed Ali Raza Zaidi, University of Leeds, UK
- ❑ **Track 4 – Hardware Architecture and Implementations**
Track Chairs: Ahmed El-Tawil, University of California, Irvine, USA, Fadi Kurdahi, University of California, Irvine, USA
- ❑ **Track 5 – Next Generation of Cognitive Networks**
Track Chairs: Muhammad Ali Imran, CCSR/5G Innovation Centre University of Surrey, UK, Richard Demo Souza, Federal University of Technology - Paraná (UTFPR), Curitiba - PR - Brazil
- ❑ **Track 6 – Standards and Business Models**
Track Chairs: Stanislav Fillin, NICT, Japan, Stephen J. Shellhammer, Qualcomm Technologies, Inc., USA, Markus Dominik Mueck, INTEL Mobile Communications, Germany
- ❑ **Track 7 – Emerging Applications for Cognitive Networks**
Track Chairs: Octavia A. Dobre, Memorial University, Canada, Hai Lin, Osaka Prefecture University, Japan

Publications

Conference proceedings will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases including Google Scholar, ISI, EI Compendex etc.

Selected papers may be invited to publish in the EAI Endorsed Transactions on Cognitive Communications.

Paper submission

Information about paper submissions (including guidelines) can be found under [Author Instructions](#). All accepted and presented papers will be included in the Crowncom 2015 Conference Proceedings, published in IEEE Xplore.

Important dates

- ❑ Paper submission deadline: December 15, 2014, 10 a.m. CET
- ❑ Acceptance notifications: February 10, 2015
- ❑ Camera-ready submissions: March 1, 2015
- ❑ Tutorial, panel and special session proposal submission: November 1, 2014.

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