Welcome Message from the Cognitive Radio Architectures for Broadband Workshop Co-Chairs

— CRAB 2014 —

Welcome to CRAB 2014!

Cognitive radio enables access to broader pools of spectrum and more efficient utilization of current wireless resources and thus plays a key role for the next generation of mobile broadband. Recently, there are more efforts on design and implementation of cognitive radio architecture for broadband applications. This workshop focuses on cognitive radio protocol design, analysis, implementation, test, and evaluation to address the future of mobile broadband. CRAB’14 gives researchers and practitioners a unique opportunity to share their ideas, theoretical analysis, and practical implementation on many emerging broadband applications, including application of cognitive radio to current 4G LTE environments, and how it could be used to enable 5G or later generations of mobile broadband services.

We welcome attendees to attend the keynote on protocol design and prototyping for QoS and reliability. This valuable and insightful talk will guide us to a better understanding on recent advances and future research directions in cognitive radio networks.

Through a rigorous review process, we accepted 5 presentations during the workshop. These presentations cover a variety of topics, including communication architecture design, information freshness, quality of service, protocol design, performance evaluation, and testbed design. We thank all the authors and speakers for their great contributions to the workshop. We are also deeply grateful to the workshop technical program committee for their valuable time and great efforts in reviewing papers and providing feedback for authors.

We hope that you will find this workshop to be interesting and insightful, and that this workshop will provide you a valuable opportunity to share ideas with other researchers and practitioners around the world.

Sincerely yours,

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