



**IEEE DySPAN 2010 TO EXPAND UNDERSTANDING OF
COMPLEX NEXT-GENERATION WIRELESS SYSTEMS**
Symposium Announces 15 October 2009 as “Call For Paper” Deadline

NEW YORK, NY (March 24, 2009) – The IEEE Symposium on New Frontiers in Dynamic Spectrum Access Networks (DySPAN), the international event dedicated to the latest emerging wireless technology research and next generation smart radio system demonstrations, has announced 15 October 2009 as the “Call for Paper” deadline for its upcoming event to be held 6 - 9 April 2010 in Singapore.

Since its launch in 2005, DySPAN has significantly influenced the policies and technological development of the wireless spectrum throughout the United States, Europe and Asia. Headed by General Chair Dr. Geok Leng Tan of the Infocomm Development Authority (IDA) in Singapore and General Co-Chairs Francois Chin of the Institute for Infocomm Research (I²R) in Singapore and Douglas C. Sicker of the University of Colorado in the United States, DySPAN 2010 is expected to draw hundreds of international professionals interested in dramatically increasing the efficiency of the RF through new technologies, economic practices and policies. The current “white space” initiatives are examples of the first uses of dynamic spectrum access.”

“While ubiquitous wireless communications power our modern lives, they are critically dependent on the availability of radio frequency spectrum resources,” says Dr. Tan. “DySPAN 2010 will engage network architects, economists, engineers, regulators, academia and researchers in a dynamic and conversational environment that is designed to drive the best technologies and spectrum management policies for this critical area. Asia, with its large and rapidly growing number of wireless service providers and users, is proud to host DySPAN 2010.”

“The recent approval of unlicensed TV white space in the U.S. is expected to further another level of global wireless advancements that either replicate or exceed the international success of Wi-Fi innovations,” adds Chin. “We believe DySPAN 2010 will help to catalyze the worldwide adoption of the latest RF spectrum and smart radio technologies by facilitating the exchange of knowledge and interaction among the world’s leading researchers.”

Professionals interested in participating in DySPAN 2010 and/or delivering a tutorial or technical paper are urged to visit www.ieee-dyspan.org/2010 for more conference information including detailed “Call for Paper” submission instructions. Session planners are currently accepting original contributions and unpublished work highlighting cognitive radio policies and regulations, dynamic spectrum access

studies, algorithm and protocol design as well as architecture, platform and signaling applications.

Specific subject areas include:

- Efficient and broadband spectrum sensing
- Spectrum sensing mechanisms and protocol support
- Interference metrics and measurements
- Radio resource management and dynamic spectrum access networks
- Applications of DSA (e.g., public safety, cellular access networks)
- Business model/Pricing for dynamic spectrum access
- Market trends for secondary spectrum usage
- Regulations for dynamic spectrum access
- Software regulation/standardization and equipment certification

In addition, DySPAN 2010 proposals are also being accepted for live demonstrations featuring dynamic spectrum systems and networks. An annual conference highlight, pre-planned demonstrations offer attendees the unique opportunity to interact with world-leading researchers, while gaining first-hand knowledge of their experiments. DySPAN 2008 demonstrations dramatically visualized general measurements of spectral activity and explored numerous dynamic spectrum access, cognitive radio, and policy-based systems technologies and issues.

“The transformation of dynamic spectrum access (DSA) from theory into practice has driven - numerous regulatory decisions such as the recent "TV White Space Order" ruling in the U.S. as well as helped to launch new DSA enabling standards, commercial devices and prototypes,” explains Sicker. “DySPAN 2010 will further the next stage of this international process by increasing the understanding of DSA dynamics and showcasing worldwide examples of its proliferation on a global stage.”

Hosted by the IEEE Communications Society (ComSoc), DySPAN has emerged as a preeminent global event for sharing the latest cutting edge research on emerging wireless technologies. Founded in 1952, IEEE ComSoc has nearly 40,000 members and is the second largest of IEEE’s 37 technical societies. It has also become recognized worldwide as a major international forum for exchanging ideas on communications and information networking.

For more information on the IEEE International Dynamic Access Spectrum Access Networks (DySPAN) symposium, contact: Heather Ann Sweeney, IEEE Communications Society, 3 Park Avenue, New York, NY 10016. Phone: (212) 705-8938. E-mail: h.sweeney@comsoc.org. Or visit: www.ieee-dyspan.org/2010.