IEEE DySPAN 2011 ANNOUNCES 15 NOVEMBER 2010 AS "CALL FOR PAPER" DEADLINE

Leading Scientists, Industry Professionals & Government Officials to Converge in Aachen, Germany from 3 – 6 May 2011 to Explore Latest Advances in Next Generation Smart Radio and Wireless System Technologies

NEW YORK, NY (25 October 2010) – 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 November 2010 as the "Call for Paper" deadline for its upcoming event to be held from 3 – 6 May 2011 in Aachen, Germany.

"IEEE DySPAN conferences provide necessary and exceptionally interesting venues for bringing together the world's leading technology and policy experts, who are dedicated to the more efficient use of the international radio spectrum," says Petri Mähönen from RWTH Aachen University who is a general chair for DySPAN 2011. "This year's event will be highlighted by several extended plenary sessions and panels as well as the presentations of numerous industry leaders and researchers. The primary focus will be to provide attendees with a premier networking opportunity on a global stage primed for discussing and debating the new and radical ideas that are certain to shape our future."

Included among the presenters for IEEE DySPAN 2011 are Matthias Kurth, president of BnetzA, the network regulation agency of Germany, and Douglas Sicker, chief technologist for the United States Federal Communications Commission (FCC). During his keynote address, Sicker will discuss the ever-increasing critical demand for dynamic spectrum access and the recent efforts of the FCC to enable TV whitespace, opportunistic access, experimental licensing and secondary markets for spectrum. In addition, Kurth will describe the recent spectrum auction in Germany and its role in fostering investments and innovation among the German wireless networks.

"DySPAN 2011 offers an excellent program of papers, tutorials, presentations and demonstrations set against the academic excellence of RWTH Aachen," offers Sicker. "Plus, it's hard to match the area's stunning historic beauty. It couples the convenience of central Europe including the proximity to the Hague, Maastricht, Amsterdam and Cologne with the old-world charm of Aachen and the surrounding national parks."

Since its launch in 2005, IEEE DySPAN has significantly influenced the policies and technological development of the wireless spectrum throughout the United States, Europe and Asia. Last year's event, which was held in Singapore from 6 – 10 April 2010, was attended by hundreds of international scientists, industry professionals and government officials. It included

the presentation of more than 100 technical and policy presentations, panel discussions, keynote addresses, demonstrations and tutorials dedicated to issues surrounding the effective use of the RF spectrum

Professionals interested in participating in IEEE DySPAN 2011 and/or delivering a tutorial or technical paper are urged to visit www.ieee-dyspan.org for more conference information including detailed "Call for Paper" submission instructions. Technical program organizers are currently accepting original contributions and unpublished works highlighting dynamic spectrum access (DSA) and cognitive radio domain topics, including novel approaches in advanced spectrum engineering, spectrum sharing methods and policies, and systems-oriented research. Of special interest are also papers detailing radical optimization schemes, white space opportunities, regulatory advancements and theoretical studies. Specific subject areas include:

- New spectrum measurements and sharing models
- Architecture and platforms for dynamic spectrum access networks
- Efficient and broadband spectrum sensing mechanisms and protocol support
- Interference metrics and measurements
- Radio resource management and dynamic spectrum access networks
- Applications of DSA
- Multiple schemes and cross-layer optimization for cognitive radio networks
- QoS provisioning and MAC protocol

In addition, 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. Past demonstrations dramatically visualized general measurements of spectral activity and explored numerous dynamic spectrum access, cognitive radio, and policy-based systems technologies and issues.

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.

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 38 technical societies. It has also become recognized worldwide as a major international forum for exchanging ideas on communications and information networking.