IEEE DySPAN 2005
Dynamic Spectrum Access Networks

The IEEE Symposium on New Frontiers in Dynamic Spectrum Access Networks
November 8-11, Baltimore, MD USA • www.ieee-dyspan.org

This New Symposium will feature papers, posters, panels, and tutorials with a technical, policy, legal or economic focus.

KEYNOTE SPEAKERS:

Richard Lynch,
Chief Technical Officer Verizon Wireless

Michael Gallagher,
Assistant Secretary of Commerce/ Director of National Telecommunications and Information Administration

Anthony J. Tether,
Director, Defense Advanced Research Projects Agency (DARPA)

DYSPAN VISION

Current radio technology trends promise to enable "Dynamic Spectrum Access" (DSA) networks, using wide-band spectrum sensing, real-time spectrum allocation and acquisition, and infrastructureless mesh networks. Not only do these trends challenge the existing technologies, they challenge the traditional "command and control" methods of allocating and licensing spectrum by government fiat.

IEEE DySPAN 2005 will be a new, first-of-its-kind symposium on DSA Networks that brings together the technologists designing and building these new exciting devices with the spectrum policy community that will be charged with re-architecting the legal regime for managing spectrum in the 21st century that must accommodate these new technologies. Today we are moving away from command and control approaches to spectrum management toward market-based methods and expanded unlicensed use. Tomorrow technology trends are forcing an inflection point in policy, leading to the adaptation of rules and practices radically different from today's regulations. This is therefore an opportune time to have a single, premier forum that brings together a broad range of representatives, researchers, practitioners and policy makers from industry, academia, and government from around the globe who are engaged in cutting edge explorations in technology, policies and legal aspects of emerging DSA networks.

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