



For Immediate Release

SDR Forum Announces Workshop Focused on Spectrum Sharing In TV White Space

Presentation Proposals Now Being Accepted

WASHINGTON, DC, March 9, 2009 – The Software Defined Radio (SDR) Forum (www.sdrforum.org) announced today a call for presentation submissions for its workshop “Spectrum Sharing by TV Band Devices.” The workshop will be held June 16 in Dearborn, Michigan in conjunction with The SDR Forum’s 63rd General Meeting.

The FCC recently approved the use of TV Band Devices (TVBDs) that will operate on an unlicensed basis in unoccupied TV channels. Multiple industry organizations and standards bodies are developing systems and technical standards intended for use in this spectrum. There is no regulatory constraint on the interference TVBDs may cause each other.

“As devices enter the market that use different wireless protocols to access the TV white space, the potential for significant spectrum congestion and competition for channel access will increase” said John Chapin, Chair of [The SDR Forum](http://www.sdrforum.org). “This workshop will bring together developers of devices and communications standards with other interested parties to discuss ways to share the spectrum safely and efficiently.”

In exploring spectrum sharing among these devices, the workshop will address:

- Goals and principles of spectrum sharing by independent TVBDs.
- Metrics used to measure success at achieving those goals
- Technical and economic challenges that make spectrum sharing difficult
- Tradeoffs between implicit sharing methods and explicit signalling methods
- Spectrum access algorithms of proposed standards
- Proposed methods for achieving safe, fair, and efficient sharing among incompatible TVBDs
- Use of internet connections or database registration to supplement over-the-air methods
- Means to detect and limit the impact of rogue TVBDs that imitate protected users
- Incentives and mechanisms to encourage participation in spectrum sharing standards
- Approaches to certify compliance with spectrum sharing standards

“Anyone with a stake in the use of UHF TV spectrum will benefit from participating in this important workshop,” said Lee Pucker, CEO of the SDR Forum. “This includes developers of TV band devices and communications networks, participants in standards organizations, potential users of TV band devices, broadcasters, wireless microphone companies, other incumbent TV band users, regulators, regulatory affairs specialists, regulatory economists, and researchers in cognitive radio and dynamic spectrum access technologies.”

The SDR Forum is a non-profit international industry association dedicated to promoting the success of next generation radio technologies. The Forum has a history of effective collaboration with a range of standards organizations and regulatory bodies. The Forum is not supporting any one of the competing uses of TV whitespace over any of the others.

Presentation proposals should be sent to 2009TvSpectrumWorkshop@sdrforum.org and include contact information, the title of the presentation, a brief abstract (300 to 500 words), and the name of each presenter with a short biography. **Presentation proposals are due April 1, 2009**

Giving a presentation and SDR Forum membership are not required to attend the workshop.

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[About The SDR Forum™](#)

Established in 1996, The SDR Forum™ is a non-profit international industry association with a 100+ strong membership comprised of world class technical, business and government organizations from EMEA, Asia and the Americas who are passionate about creating a revolution in wireless communications based on reconfigurable radio. The SDR Forum is the only organization in the world dedicated to serving the industry's needs through advocacy, opportunity development, commercialization and education. For more information, please visit www.sdrforum.org

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