



2005 INTERNATIONAL SYMPOSIUM ON ADVANCED RADIO TECHNOLOGIES (ISART 2005)

March 1-3, 2005

U.S. Department of Commerce — Boulder, CO

<http://www.its.bldrdoc.gov/meetings/art>

Announcement and Call for Papers

The ISART technical program committee is soliciting papers for the 7th annual International Symposium on Advanced Radio Technologies (ISART) to be held in Boulder, Colorado March 1-3, 2005. These papers will discuss new technologies, research and development, innovative ideas, enabling technologies, standards, protocols, business practices and policies, and government regulation for the purpose of forecasting the future development and application of radio frequency technologies into the next decade. Areas of interest include, but are not limited to:

- Radio Frequency Identification (RFID)
- Future of 802.16
- Wireless/Hybrid LANs
- New Wireless Convergence and Protocols
- Software Defined/Cognitive Radios
- Digital Video Broadcasting: Handhelds (DVB-H)
- New Wireless Protocols
- Voice over IP (VoIP)
- IPv6
- Global Mobile Communication Systems (2/2.5/3/4G)
- Mobile VSATs
- Broadband over Power Lines
- GPS, Galileo, Glonass Interoperability and standards
- 2004 Olympics Communications Lessons Learned
- Effective Spectrum Management
- First Responder Communications
- Human Computer Interface
- Propagation Modeling in Urban Environment
- VPN/Wireless Security
- Mesh Networking
- High Speed Digital Packet Access
- Battery/Power Sources
- Orthogonal Frequency Division Multiplexing (OFDM)
- Multiple Input Multiple Output (MIMO)
- UWB Communications
- Signal Compression
- Conformal Antenna Design
- Supervisory Control and Data Acquisition (SCADA)
- Automatic Voice Recognition
- Automatic Language Translation
- Automatic Direction Finding Network
- Network Services (Artificial Intelligence)
- Quantum Computing

IMPORTANT DATES:

Oct. 8, 04 — Deadline for submission of draft paper.

Nov. 5, 04 — Notification of acceptance to authors.

Jan. 31, 05 — Deadline for submission of paper.

CALL FOR PAPERS FORMAT:

- Submit a draft copy of the proposed paper.
- Indicate the contact author with an e-mail address.
- Note: the length of the final paper may not exceed ten pages, see the manuscript preparation instructions online at http://www.its.bldrdoc.gov/meetings/art/paper_instructions.php.

HOW TO SUBMIT: Submit all materials electronically to Jeanne Ratzloff in Adobe Portable Document Format (PDF) <http://www.adobe.com/products/acrobat/adobe.pdf.html>. Authors will be notified of receipt of submission via e-mail. If you do not receive notification contact Jeanne Ratzloff.

Jeanne Ratzloff

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