



**10th INTERNATIONAL SYMPOSIUM
ON ADVANCED RADIO TECHNOLOGIES
PROPAGATION MODELING FOR EFFICIENT SPECTRUM MANAGEMENT**

June 2-4, 2008

Boulder, Colorado

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<http://www.its.bldrdoc.gov/isart/>

The International Symposium on Advanced Radio Technologies (ISART) brings together technical researchers, business leaders, government policy makers, and regulators for the purpose of forecasting the development and application of radio frequency technologies. This year's theme is. This year the Institute for Telecommunication Sciences (ITS) will conduct parallel sessions of ClimDiff 2008, June 3-4. Clim Diff will cover topics in radio meteorological phenomena, e.g.) climate and diffraction effects. Such effects are prominent in troposcatter, transhorizon and earth-space paths. Also in conjunction with ISART and ClimDiff, ITS will be hosting block meetings for ITU-R Working Parties 3J, 3K, 3L & 3M, June 5-13. Study Group 3 covers various aspects of radio propagation with 3J Propagation Fundamentals, 3K Point-to-Area Propagation, 3L Ionospheric Propagation and Radio Noise, and 3M Point-to-Point and Earth-Space Propagation June 5-13, 2008.

ISART Welcoming Address: Patricia Raush, General Chair, NTIA/ITS

Keynote: Karl Nebbia, Associate Administrator, NTIA/OSM

ESA Part I: Design, Anja Skrevervik, TBD

ESA, Part II: Measurement, Rainer Wansch, IIS, Fraunhofer, Germany

Session I: Topics in Spectrum Management, Alakananda Paul, NTIA/OSM

Session II: Communications in Various Noise Environments, Christopher Behm, NTIA/ITS

Session III: Propagation Prediction Models, Nicholas DeMinco, NTIA/ITS

Session IV: Wireless and Mobile Environments, Chris Haslett, OFCOM, UK

Session V: Emerging Wireless Technologies, Timothy Brown, University of Colorado

ClimDiff Session I: Measurement and Synthesis of Rain Parameters, Carol Wilson, CSIRO, Australia

ClimDiff Session II: Measurement and Modeling of Climatic Effect, TBD

ClimDiff Session III: Effects Due to Buildings and Terrain, Merhala Thurai, Colorado State University

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