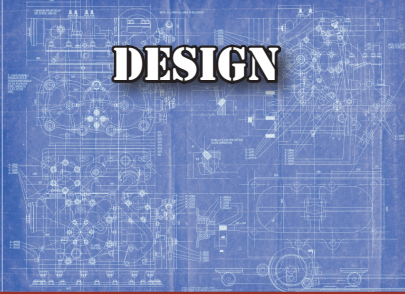
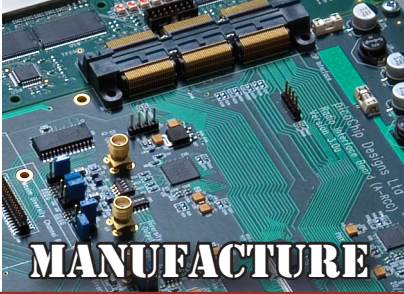




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SDR'11 - WinnComm

Wireless Innovation Conference and Product Exposition
29 November - 2 December 2011 * Washington, DC

Connecting technical, business and regulatory leaders ~ Defining the future of radio communications

Call for Abstracts

Attracting attendees from all aspects of the reconfigurable radio value chain, SDR'11 is the ideal place to network and make an impact on the reconfigurable radio community. Register your abstract now and be a part of the only event devoted to the advancement of reconfigurable radio technologies from research through deployment. **The Wireless Innovation Forum is soliciting registration of abstracts for five tracks:**

Research and Development (R&D)

This track will focus on advanced research and development in software defined radio (SDR), cognitive radio (CR) and dynamic spectrum access technologies. Papers are required in this track and selection will be competitive, based on intensive peer review. **Top papers in this track will be eligible for placement in the Springer Journal of Analog Integrated Circuits and Signal Processing (AISCP).**

Abstracts should be registered by 19 April. Full paper submissions are due 14 June.

Design, Manufacture & Deployment (DMD)

This track will provide a perspective on the current "state of the art" in SDR, CR and DSA and the development and deployment of these technologies, including commercialization trends and near term technology innovations. Papers in this track are optional, but highly encouraged. Selection will be competitive based on review of presentation outline and the available number of speaking slots.

Register paper abstracts by 19 April (optional) **OR** register Presentation Only abstracts by 14 June. Presentations due 18 Oct.

Tutorials

This track will provide training in specific topic area relevant to the design, manufacture or deployment of SDR, CR or DSA technologies. Tutorials are provided in a two hour session, but may be extended upon request. Selection will be competitive based on the available number of speaking slots, with preference given to "hands-on" tutorials where provided.

Register paper abstracts by 19 April (optional) **OR** register Presentation Only abstracts by 14 June. Presentations due 18 Oct.

Workshops

Workshops strive to achieve a predefined objective through multiple interactive sessions exploring a specific topic area relevant to research, design, manufacture or deployment of SDR, CR or DSA technologies. Workshops are provided in two, two hour sessions which may be extended through a conference keynote or plenary panel session. Selection will be competitive based on the topic relevance and the maturity of the proposal.

Register paper abstracts by 19 April (optional) **OR** register Presentation Only abstracts by 14 June. Presentations due 18 Oct.

Regulation and Public Policy

This track will explore the evolving regulatory landscape impacting the deployment of advanced wireless technologies around the world, including Regulatory Framework(s) for Dynamic Spectrum Access, Policy-Based Regulatory Approaches, Testing and Certification, Unlicensed vs. Licensed and Alternative Approaches, TV Band and Other "White Spaces", Secondary Spectrum Markets, Database Access and Reliability, Defining and Enforcing Spectrum Rights and Spectrum Sharing Etiquettes.

Register paper abstracts by 19 April (optional) **OR** register Presentation Only abstracts by 14 June. Presentations due 18 Oct.

Proposals for each track must include an abstract, the author information, the topic area, and sufficient information to validate the quality and technical depth of the proposal. Suggested topics include:

Next Generation Radio Technologies

- Baseband Processing Technologies
- RF, IF, and ADC Technologies
- Software for SDR and DSA Technologies
- Security
- Satellite Radio Systems

Advanced Wireless Networks and Infrastructure

- Cognitive Radio Technologies
- Dynamic Spectrum Access
- Modeling Languages for Mobility

Test and Measurement

- Certification, Validation, and Testing Tools
- Test Equipment and Test Beds
- Test Frameworks
- Testing Techniques
- Remote Testing Techniques
- Certifications (SCA, etc.)
- Implementations of Testing Techniques

Software Communications Architecture (SCA)

- Implementation of the SCA
- System Designs using the SCA

Regulatory Considerations and Spectrum Policy

Standards for Reconfigurable Radio and Supporting Components

Education in SDR, CR, and DSA

User Requirements, Business Models, and Markets for SDR, CR, and DSA

- Intelligent Transport Systems and Telematics
- TV White Spaces
- Medical Devices
- Public Safety
- Space and Aviation
- Commercial (Concierge Services, Dbase, etc.)
- Defense
- Satellite Communications
- Emerging Markets

Open Source use in SDR, CR, and DSA

- Physical Layer
- MAC Layer
- Applications Layer
- Development Tools
- Military Uses of Open Source in Comm Sys

Abstract registration for SDR'11-WinnComm is being processed by EDAS Conference Management System. If you have previously submitted a paper or abstract for other professional conferences, you probably already have an account on EDAS. If you do not have an account, create one at <http://edas.info/> using your email address and a password. Then, go to <http://edas.info/9997> click the "Submit Paper" tab and Register your abstract or proposal (no paper is required prior to 14 June) -- be sure to select the correct "Track" and up to three "Topics" that would be appropriate for your submission. Also, DMD papers should be designated as 'papers and presentations' or 'presentation only'. An acknowledgment of your submission will be sent from EDAS, and a notice regarding acceptance of your submission will be sent based on the schedule below. Calls for Papers and Demonstrations will be distributed separately.

Important Dates:

Paper Abstracts Due:	19 Apr 2011
Paper Abstract Acceptance:	30 Apr 2011
Papers Due:	14 June 2011
Presentation Only Abstracts Due:	14 June 2011
Presentation Only Abstract Acceptance:	27 Aug 2011
Demonstration Proposals Due:	5 Sep 2011
Demonstrations Accepted Notification:	20 Sep 2011
Camera Ready Papers Due:	3 Oct 2011
Presentation Materials Due:	18 Oct 2011

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The Wireless Innovation Conference and Product Exposition (SDR'11-WInnComm) provides exhibitors with an outstanding opportunity to reach partners and customers at all levels of the wireless value chain. Here's why:

- This conference is the largest of its type focused on the reconfigurable radio community.
- Last year's 500+ registered delegates included investors, commercial network operators, radio manufacturers, system integrators, government procurement officials, regulators, engineering service providers and consultants from over 22 different countries.
- Of last year's attendees, attendees generally fall into one of two categories: Researchers and Technology Developers (~48% of Attendees) or Equipment Manufacturers, Network Providers and Other Acquisition Authorities (~52% of Attendees).

"Very, very highly focused audience. Great one on one interaction with my customers."

— John Irza, The Mathworks

Want to become an exhibitor at SDR'11-WInnComm or learn more?

Contact Allan Margulies: asm@wirelessinnovation.org or visit <http://Conference.WirelessInnovation.org/page/SponsorshipandExhibiting>



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