

# 2006 Software Defined Radio Technical Conference and Product Exposition

## November 12-16, 2006 - Orlando, Florida

Sunday - November 12					
18h00- 20h00	Registration				
Monday - November 13 - SDR'06 Tutorials					
Time					
9h00- 12h30	Reconfigurable Technology for MIMO-OFDM Systems with a Focus on 802.16/802.16e  R. M. Rao, C. Dick (Xilinx)	Waveform Development and Deployment with the SCA  L. Pucker (Spectrum Signal Processing), V. Kovarik (Harris), Francis Bordeleau (Zeligsoft)	Advanced CORBA Programming with VHDL  F. Humcke (PrismTech)	Signal Processing Techniques for Spectrum Sensing and Communication in Cognitive Radio Networks  B. Farhang-Boroujeny (University of Utah)	High Assurance Security and Safety for Software Defined Radios  G. Uchenik (Objective Interface Systems)
12h30- 13h30	Lunch				
13h30- 17h00	From Software Radio to Cognitive Radio: Principle, Algorithm and Testbed  W. Xiang (University of Michigan)	OMG Software Radio Specification Tutorial  J. Bickle (PrismTech)	<del>Stop Dreaming and Build a Software Defined Radio</del>  <del>B. Frantz (PrismTech)</del> - Cancelled	Software Defined Radios for Public Safety  F. Frantz (L-3)	The Integrated SDR Toolchain  M. Hermeling (Zeligsoft)
17h15- 22h00	Reception Sponsored by General Dynamics at Kennedy Space Center Saturn V Center				
Tuesday - November 14					
Time	Track 1	Track 2	Track 3	Track 4	Track 5
7h00	Breakfast				

8h30	Keynote: Software Radio in the Real World - Vanu Bose - Vanu				
9h20	Break				
9h40	Session 1.1 Testbeds Chair: J. Reed	Session 2.1 SW & Waveform Component Design 1 Chair: F. Jondral	Session 3.1 Adaptive and Cognitive Radio in Americas Chair: C. Bostian	Session 4.1 SDR Systems in Public Safety Chair: S. Reichert	Session 5.1 SDR Standards and Systems Chair: D. Stephens
11h50	Lunch & Exhibits				
13h50	Session 1.2 Circuits and Chips 1 Chair: C. Dick	Session 2.2 SW & Waveform Component Design 2 Chair: J. Bard	Session 3.2 Adaptive and Cognitive Radio in Asia Chair: R. Kohno	Session 4.2 SDR Systems in Space and Aviation Chair: A. Brown	Session 5.2 Reconfigurable & Wideband Antenna Chair: B. Egg
16h00	Break				
16h15	Invited Paper - Will Scott - TBD				
16h45	Invited Paper - Eimear Gallery - The Benefits of Trusted Computing to SDR				
17h15	Panel Session - Security in SDR				
18h00- 20h00	Reception & Exhibits				

**Wednesday - November 15**

<b>Time</b>	<b>Track 1</b>	<b>Track 2</b>	<b>Track 3</b>	<b>Track 4</b>	<b>Track 5</b>
7h00	Breakfast				
8h30	Keynote: Cognitive Radio and Robots - Joe Mitola				
9h20	Break				
9h40	Session 1.3 Circuits & Chips 2 Chair: fharris	Session 2.3 SW & Waveform Component Design 3 Chair: K. Anderson	Session 3.3 Adaptive and Cognitive Radio in Europe Chair: D. Bourse	Session 4.3 SDR Systems in Networks & Telematics Chair: M. Alsietty	
11h50	Lunch & Exhibits				
13h50	Session 1.4 Circuits & Chips 3	Session 2.4 SCA & SW 1	Session 3.4 Cognitive Radio 4	Session 4.4 Global Perspectives of SDR & Cognitive Radio Regulation &	

	Chair: J. Ector	Chair: M. Turner	Chair: P. Cook	Education Chair: J. Miller	
16h00	Break				
16h15	Invited Paper - Mitch Kokar - Ontologies and Metamodeling: Applications to Policy Based Radio Control				
16h45	Invited Paper - Preston Marshall - Report on XG Program				
17h15	Panel Session - Cognitive Radio				
18h00-20h00	SDR Forum Annual Members Meeting and Reception (Election of Officers)				
<b>Thursday - November 16</b>					
<b>Time</b>	<b>Track 1</b>	<b>Track 2</b>	<b>Track 3</b>	<b>Track 4</b>	<b>Track 5</b>
7h00	Breakfast				
8h30	Keynote - Hiroshi Harada (National Institute of Information and Communications Technology)				
9h20	Break				
9h40	Session 1.5 SDR HW - Implementation 1 Chair: C. Anderson	Session 2.5 SCA & FPGAs Chair: C. Belisle	Session 3.5 Cognitive Radio 5 Chair: T. Rondeau	Session 4.5 SDR Development & Environment Tools 1 Chair: J. Hogg	
11h50	Lunch - Presentation of Awards for Best Papers for SDR'06, SDR Forum Contributor, and Industry Achievement. Also, book signing by authors of SDR texts				
13h50	Session 1.6 SDR HW - Implementation 2 Chair: S. Choi	Session 2.6 Evolving SCA Chair: J. Bickle	Session 3.6 Cognitive Radio 6 Chair: K. Nolan	Session 4.6 SDR Development & Environment Tools 2 Chair: V. Kovarik	
16h00	Break				
16h15	Invited Paper - J. Bickle - Leveraging the latest MDD/MDA technologies for developing SDR systems				
16h45	Invited Paper - M. Cummings - Application of the MetaLanguage to Cognitive Radio				
17h15	Demonstration of Reference Waveform Application by Mercury Computer				
<b>Friday - November 17</b>					
<b>SDR Forum General Meeting - All registrants are invited to participate.</b>					

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