PRISMTECH

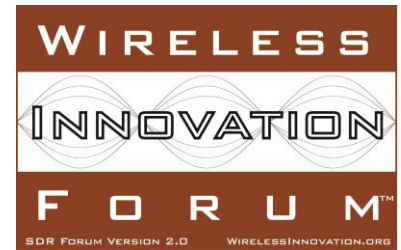## Wireless Innovation Forum Announces New Training Series

Inaugural course, SDR/SCA Development for Software Engineers, begins April 29

WIRELESS INNOVATION FORUM™

SDR Forum Version 2.0   WIRELESSINNOVATION.ORG

<u>For Immediate Release</u>

Washington, DC – 11 March 2014 – **The Wireless Innovation Forum**, a non-profit international industry association dedicated to driving the future of radio communications and systems worldwide, today announced the inaugural course in its new Training Series. "SDR/SCA Development for Software Engineers," is a comprehensive modular training course providing attendees with both theory and hands-on training required to successfully develop software defined radio (SDR) in accordance with the Software Communications Architecture (SCA) specification. The three week, 12-session course begins April 29.

The course will be delivered online using the latest cloud based teaching techniques, allowing attendees to benefit from the expertise of leading SDR/SCA experts without leaving their desk. Course instructor, Colin Wigham, is Senior Professional Services Consultant at PrismTech with more than 20 years experience in software engineering, distributed systems and SDR.

"We are excited to be working with PrismTech on this inaugural course of our new training series," stated Lee Pucker, CEO of the Wireless Innovation Forum. "Our intention is to work with recognized leaders in software defined radio, cognitive radio and dynamic spectrum access technologies to provide our members and other industry professionals with the training they need to take advantage of new technologies supporting spectrum innovation and to deploy these technologies in support of essential and mission critical communications."

The course will introduce attendees to SDR/SCA and CORBA middleware and then progress to advanced SDR/SCA programming focused on developing SCA applications and platform services. The training involves the use of modeling tools, Core Framework (CF) and middleware to design, implement and deploy SCA platforms and waveforms.

These tools will be used in conjunction with hands on tutorials provided for each module in the form of a series of comprehensive exercise books, allowing the student to gain practical knowledge in working with the SCA.

"PrismTech is very pleased to be providing SDR training expertise to the Wireless Innovation Forum," said Steve Jennis, SVP Corporate Development, PrismTech. "This course has been designed to provide attendees with hands-on experience of the most modern SDR development tools and infrastructure."

The first part of the course provides a brief overview of SDR and the SCA through a combination of theory and hands on exercises. It covers the basics of CORBA programming and creating simple SCA platforms and waveforms using model driven development techniques. The key concepts of SCA operating environments including how an SCA CF is used to manage the deployment of a waveform application are also covered.

The second part of the course builds on the core skills gained in part one and focuses on gaining deeper understanding of the SCA, covering details of the standard, including the specifics of the main component

groups and their interfaces. More advanced topics focus on radio platform architecture, GPP-DSP-FPGA integration approaches and middleware optimization.

Attendees should have previous knowledge of or experience with object-oriented design and development, software design and modeling tools using the unified modeling language (UML), C and C++ languages, and common object request broker architecture (CORBA). Attendees are required to have a computer connected to the internet capable of running GoToMeeting and a phone line or VOIP connectivity.

Course fees, detailed course times, the course agenda and registration form can be found at http://groups.WInnForum.org/ts-sca-development.

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About the Wireless Innovation Forum
Established in 1996, The Wireless Innovation Forum (SDR Forum Version 2.0) is a non-profit mutual benefit corporation dedicated to advocating for spectrum innovation, and advancing radio technologies that support essential or critical communications worldwide. Members bring a broad base of experience in Software Defined Radio (SDR), Cognitive Radio(CR) and Dynamic Spectrum Access (DSA) technologies in diverse markets and at all levels of the wireless value chain to address emerging wireless communications requirements. To learn more about The Wireless Innovation Forum, its meetings and membership benefits, visit www.WirelessInnovation.org.

About PrismTech
PrismTech is a global leader in standards-based, performance-critical middleware. PrismTech's products enable our OEM, Systems Integrator, and End User customers to build and optimize high-performance systems primarily for Mil/Aero, Communications, Industrial, and Financial Markets. For additional information about PrismTech, visit the web site at http://www.prismtech.com

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