

Wireless Innovation Forum Announces 2013 Wireless Innovation Achievement Award Finalists



For Immediate Release

Washington, DC, 19 December 2013 – The **Wireless Innovation Forum**, a non-profit international industry association dedicated to driving the future of radio communications and systems worldwide, today announced finalists of their annual Achievement Awards. Finalists in the Technology of the Year include **Global Sensor Network** and **Space Communications and Navigation (SCaN) Testbed Technology**. Finalists for International Achievement are **Vincent Kovarik** of *PrismTech* and **Mark Turner** (retired). Winners will be announced in January 2014 and awards presented at the Wireless Innovation Forum Conference on Communications Technologies and Software Defined Radio (SDR-WInnComm 2014). The premier event for the reconfigurable radio community, SDR-WInnComm will be held 11-13 March in Schaumburg, Illinois, featuring keynotes by industry leaders as well as workshops on Real World SDR, CR and DSA Implementations, Future Trends and SSPARC, tutorials, and technical presentations and posters. The event also touts an exposition.

The **Technology of the Year** award is presented to an individual or organization for a breakthrough product or technology in the field of Software Defined or Cognitive Radio as selected by the members. This year's finalists are invited to provide a demonstration or poster presentation of the technology at the event expo. Finalists are:

- **Global Sensor Network**
The Institute for Telecommunications Research (ITR) has led a consortium to deliver technology enabling a Global Sensor Network for remote sensor data gathering and bidirectional communication via low earth orbit satellites. The GSN uses software defined radio (SDR) technology for the space segment, ground station and terminals. The system includes new SDR based architectures and waveform designs that provide high spectral efficiency in heavily loaded multiuser scenarios. The end result is a cost effective, scalable and flexible system that is able to support very large numbers of users while maximising use of precious satellite frequency spectrum.
- **Space Communications and Navigation (SCaN) Testbed Technology**
The Space Communications and Navigation (SCaN) Testbed by NASA is a software defined radio (SDR), communication system flying as a technology demonstration experiment on the International Space Station. SDR technology demonstrated by SCaN Testbed will change the way NASA develops and uses radio communications in the future. Now operational on ISS and available to industry and academia for experiments, the SCaN Testbed is paving the way to move SDRs (and in the future cognitive radios) to space missions.

The **Forum International Achievement Award** is presented to an individual, group of individuals, or organization that made especially significant contributions to international furtherance or acceptance of Software Defined or Cognitive Radio. The finalists are:

- **Dr. Vince Kovarik, PrismTech**
Dr Vince Kovarik has made significant contributions to the international furtherance and acceptance of Software Defined Radio (SDR) and Cognitive Radio for well over a decade. Vince's involvement in ground-breaking SDR, Cognitive Radio and Software Communications Architecture (SCA) technology development has included: * Co-authoring the book *Software Defined Radio: The Software Communications Architecture*. * Contributing author on *Cognitive Research: Representation and Learning* in the book *Cognitive Radio Technology*. * Presenting numerous papers and tutorials at international technology leadership conferences promoting SDR related subjects. * Actively contributing to and chairing committees at the Wireless Innovation Forum. * Presenting Webcasts to an international audience on SDR and SCA related subjects.
- **Mark Turner** (retired)
Mark Turner was instrumental in driving the formation of the Coordinating Committee for International SCA Standards (CC SCA). Through his efforts, the committee's Steering Group brought together experts from government programs in France, Finland, Germany, Italy and the United States along with NATO, OCCAR and the European Defense Agency to collaborate with the Steering Group industry representatives in identifying requirements and developing a common vision for the advancement of SCA based standards. Mark also

represented the CC SCA on the Board of directors, bringing issues associated with the adoption of SCA as a global standard to the Board for consideration in strategic and operational planning. Through Mark's efforts in support of the CC SCA, considerable progress has been made in converging towards a single SCA standards support the needs of the community world-wide. Furthermore, Mark was a long-time leader and contributor as the Chief Financial Officer and Treasurer of the Forum.

Full award write-ups can be found at http://www.WirelessInnovation.org/SDR_Achievement_Awards.

Supported by platinum Sponsors **General Dynamics C4 Systems, Indra Sistemas, Objective Interface Systems, Rhode and Schwarz**, and gold sponsor **Pentek**, the SDR-WInnComm is the premier event to present and see the latest in Cognitive Radio (CR) and Dynamic Spectrum Access technologies, as well as CR and Software Defined Radio programs and requirements, features daily Keynote presentations from recognized leaders in advanced wireless communications, three days of technical presentations, workshops, tutorials and more.
<http://Conference.WirelessInnovation.org>

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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.

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