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## News and Activities

This area contains information about upcoming and prior workshops, the [press releases](#) and information about other activities. The best way of staying current with WTA activities is to join the WTA mailing list through which you will receive workshop announcements. To do so, [send an e-mail to the WTA](#) with your name, company name and e-mail address and the list administrator will add you to the list. The volume of postings is low at about one message per month.

### 2016 Workshop Schedule:

[April 27, 2016 Atlanta, GA. Connected Wearable Computing.](#) Hosted by AT&T.

**July 2016: WebEx workshop.** Topic to be determined.

**October 2016: In-Person Workshop.** Topic to be determined.



### Prior Workshops

The WTA has held workshops since 1993. This section lists workshops beginning in 2000. Click on the meeting to see the agenda.

[January 27, 2016, WebEx workshop. Internet of Things - Security Solutions.](#) Presentations by Trustonic, Ericsson, WhiteScope, and Pure Integration.

[October 14, 2015, Washington, D.C. The Innovation and Engineering Dynamics of the Digital Economy: Economic Transformation and Expansion Enabled by 5G.](#) Hosted by Georgetown University.

[July 22, 2015, Web Workshop. Internet of Things: M2M Service Delivery Platforms.](#) Presentations by Qualcomm, Sierra Wireless, Growth Impact Growth Solutions, and ILS Technology, A Telit Company.

**April 22, 2015, Atlanta, GA. Internet of Things and LTE-M.** Hosted by AT&T. LTE-M standardization, use cases and opportunities, likely timeline of features, modem costs versus competitive options, market development.

**October 29, 2014, Washington D.C. Can Mobile Broadband Realize Its Full Potential? The Technology and Policy Paths to Massive Capacity Enhancement.** Hosted by Georgetown University.

**June 17, 2014, Aliso Viejo, California. New Wireless Services and Applications Through Connectivity Management.** Hosted by Smith Micro Software, Inc. Connectivity platforms and standards, connectivity approaches and needs relative to network type, connectivity related to Internet of Things/M2M, connection management and location-based services.

**March 18, 2014, Chandler, Arizona. Mobile Network and Device Virtualization.** Hosted by Intel Corporation. Industry groups, degree of adoption and future expectations, NVF versus SDN, relation to cloud computing, benefits, use cases, trends in cloud RAN, challenges, mobile device virtualization.

**October 8, 2013, Woodridge (Chicago), Illinois. M2M/Internet of Things.** Hosted by Morey Corporation. New rules in Internet of Things, including data democratization challenges and opportunities. Impacts on approaches to standards - technical and policy. Impacts on business models - existing and new. Also consideration of cloud architectures, protocols, device-side OS fragmentation, languages and frameworks, impact on cellular capacity, unlicensed versus licensed, security architectures.

**June 14, 2013, Washington DC. Optimal Coevolution of Mobile Broadband Technology and Spectrum Policy.** Hosted by Center for Business and Public Policy, Georgetown University, Washington DC. Administration perspective on spectrum, standardization efforts to accommodate new spectrum policy, leveraging new bands, FCC perspective, investor considerations, consumer benefits.

**March 27, 2013, Plano (Dallas) TX. Connected Vehicle.** Hosted by AT&T. Translation of vehicle connections to revenue opportunities, LTE in the connected car, the importance of HTML5, evolution of automotive ecosystems, and Tizen IVI.

**October 23, 2012, Hillsboro, OR. Big Data and Mobility.** Hosted by Intel. What big data is, capabilities, architecture, examples of mobility and big data, security and privacy, implications for design of future mobile devices, opportunities and dangers as big data moves to mobile devices.

**June 26, 2012, Seattle, WA. Data Offload.** Hosted by NetMotion Wireless. Technical developments, Wi-Fi offload architectures, client-side connection management, policy-based control, Hotspot 2.0, etc.. Contact us if you would like to present.

**February 1, 2012, Plano (Dallas), Texas. LTE-Advanced.** Hosted by Ericsson. Performance, deployment, spectrum bands, multimode, Wi-Fi co-existence, IPv6, QoS, more. Contact us if you would like to present.

**October 26, 2011. Portland, OR. Mobile Cloud Computing.** Hosted by PCCA. Cloud computing aspects unique to mobile, security, HTML 5, developments by leading vendors, operators perspectives, supporting network APIs, bandwidth and latency considerations, cloud models, smartphones vs. tablets, Web 4.0, symbiotic Web.

**June 28, 2011. Richmond (Vancouver) BC, Canada. Open Source in the Embedded World.** Hosted by Sierra Wireless. Applications, licensing models, open source trends for embedded OS's, fragmentation considerations, developer resources,

etc.

**February 2, 2011. San Diego, CA. Femtocell Workshop.** Hosted by Qualcomm. Architectures, interference management, pros/cons versus Wi-Fi approaches, obtainable capacity gains, 3G vs. 4G, consumer versus enterprise, application implications, business models, regulator requirements (e.g., CALEA, 911).

**October 27, 2010. Dallas, TX. LTE Workshop.** Hosted by Huawei. Performance, trials, self-optimizing/organizing networks, femtocells, 3GPP release versions, handover, voice support, IPv4/IPv6, policy management including business cases, antennas, LTE to LTE-Advanced migration.

**June 23, 2010. Atlanta, GA. M2M Workshop.** Hosted by AT&T. Form factors, security, certification, soft and platform SIMs, addressability, billing, management, other considerations.

**March 10, 2010, Seattle, WA. Mobile Broadband Network Constraints, QoS, and Optimization.** Hosted by NetMotion Wireless. Examination of network capacity versus rapidly growing demand, and the role of optimized applications and quality-of-service architectures.

**November 5, 2009. Portland, Oregon. Emerging Mobile Platforms.** Hosted by PCCA. Examination of new mobile platform categories such as Mobile Internet Devices (MIDs) and smartbooks. Topics will include form factors, hardware considerations, OS, networking and applications.

**June 24, 2009. San Francisco Bay Area. Multi-Network Operation.** Hosted by iPass. Connection management, OS interfaces for querying/managing network types, bandwidth management, application optimization, billing models, IEEE 802.21, IEEE 1900.4, Generic Access Network (GAN).

**March 4, 2009. Dallas, Texas. HSPA+/LTE.** Hosted by 3G Americas. Market evolution, HSPA evolution, mobile broadband in notebooks technology developments, LTE details, LTE deployment strategies, toward LTE Advanced, IMT Advanced, LTE Evolved Packet Core (EPC), device evolution, wireless broadband application architectures.

**October 8, 2008. Hillsboro, Oregon. WiMAX and Open Wireless Networks (Meetings and Demonstrations).** Hosted by Intel. Analysis of capabilities, evolution, security, subscription models, activation, and voice/multimedia support.

**June 11, 2008. Austin, TX. Advances in Ultra-Wideband (UWB) and Wireless USB (Meeting and Demonstrations).** Hosted by MCCI. Examination of directions, standardization, applications, and challenges with UWB and Wireless USB.

**February 19-20, 2008. Dallas, TX. Fixed Mobile Convergence.** Hosted by Ericsson. Meeting and workshop. Analysis of developments, standards and technology, including approaches based on IMS, UMA, and femto cells.

**October 10, 2007. San Diego, CA. Multi-Radio Wireless Devices.** Hosted by Novatel Wireless. RF considerations, antenna considerations, connection managers, OS support, application management, co-existence protocols.

**June 12-13, 2007, Dallas, TX. HSPA.** Sponsored by 3G Americas. This meeting and workshop will focus on latest HSDPA/HSUPA capabilities, devices and applications. The meeting will also examine developments in Evolved EDGE, HSPA Evolution and 3GPP LTE. HSPA workshop June 13 hosted by AT&T.

**February 27-28, 2007, San Diego, CA. CDMA2000 EV-DO Rev A Meeting and Workshop.** Hosted by Qualcomm. This meeting will emphasize EV-DO Rev A, but will also examine evolution of CDMA2000, details of the technology, capabilities, devices and applications.

**September 20, 2006, Seattle, WA. Mobile Computing Policy.** Hosted by NetMotion Wireless. This meeting will examine mobile computing policies that dictate what networks to use, which applications have access and other aspects of connectivity.

**May 17, 2006, Boston, MA. IP Multimedia Subsystem (IMS).** Hosted by Tataru Systems. The meeting will cover current industry adoption and directions, architecture and protocols, application road map, standards, interoperability, issues and opportunities. This will be a full-day meeting.

**Feb 2, 2006. San Francisco, CA. Municipal and Mesh Wi-Fi Networks.** Hosted by iPass. The meeting will examine deployments, technologies, architectures, standards, relation to other networks such as 3G and WiMAX, interoperability, best applications, and recommendations for best growth of this market.

**September 13, 2005. San Diego. Embedded Wireless WAN.** Hosted by Sierra Wireless. Interoperability, standardization, issues and opportunities.

**May 12, 2005, Seattle, WA. Connection Managers.** Hosted by NetMotion Wireless. Connection managers, wireless management interfaces for applications and other items affecting the user experience with wireless networks.

**Feb 1, 2005, San Francisco, CA. Ultra Wideband.** Hosted by MCCI. Ultra Wideband (UWB) and related technologies, including Wireless USB.

**November 16-17, 2004. Redmond, WA. UMTS.** Hosted by Cingular Wireless. UMTS and HSDPA. Meeting and workshop.

June 16-17, 2004. Hosted by Flash Networks. Newark, New Jersey. Wireless Optimization, including TCP optimization, Web acceleration, e-mail acceleration, and VPN optimization.

February 11-12, 2004. Hosted by Qualcomm. San Diego, CA. Topic: 1XEV-DO (and 1XEV-DV) in detail, including interoperability workshop.

November 12, 2003. Hosted by iPass. San Francisco Bay Area. Topics: Hotspot Technical Developments, Service Continuity.

August 19-20, 2003. Hosted by Cingular Wireless. Indianapolis, IN. Topic: EDGE technology in detail, including interoperability workshop.

May 28, 2003. Redmond, WA. Hosted by Microsoft. Topic: Tethering and personal-area networking developments including Bluetooth, IR, USB and ultra wideband (UWB).

Feb 4-6, 2003. San Francisco, CA. Special joint meeting with The Open Group. Topic: Mobile IP, Application Persistence and Roaming. Special workshop: Enterprise adoption of Cellular Data - Barriers and Solutions.

[November 6, 2002. Research Triangle Park, North Carolina. Hosted by IBM. Wireless hot spots: client considerations and cellular integration.](#)

[July 16, 17, 2002. Redmond/Bellevue, Washington. Hosted by Intel. Enterprise applications and cellular-data networks. GPRS workshop on July 16, hosted by VoiceStream Wireless.](#)

[April 24, 2002. San Francisco, CA. Hosted by Qualcomm. CDMA2000, Wireless VPNS, Wireless Security.](#)

[January 16, 2002. Las Vegas, NV. Hosted by NetMotion Wireless. Integration of wireless personal-area, local-area and wide-area networks.](#)

[November 7 2001. Java for mobile platforms: interfaces, application considerations, interoperability.](#)

[August 23, 2001. Redmond, WA. Hosted by AT&T Wireless Services. PDA Platforms and Wireless Networking.](#)

[May 23, 2001. Boynton Beach, Florida. Hosted by Motorola. GPRS Interoperability.](#)

[February 7 and 8, 2001. Maui, Hawaii. Joint meeting with Mobile Computing Promotion Consortium of Japan. Wireless Data Interoperability.](#)

[October 18. Santa Clara. Mobile Management. Co-hosted by the Wireless Data Forum and the Open Group.](#)

[August 23, 2000. Redmond, WA. Wireless Device Interface Issues](#)

[May 31, 2000. Chicago. The Impact of Internet Standards on Wireless Networks](#)

[March 1, 2000. New Orleans. VPNs and Wireless](#)

## **Press Releases**

[January 19, 2009. MOBILE BROADBAND POISED FOR EXPLOSIVE GROWTH. HSPA+ and LTE, two leading mobile broadband technologies, to be examined in PCCA conference, along with emerging mobile broadband applications.](#)

[May 7, 2008. Ultra-Wideband Wireless Technology Poised to Fundamentally Change Local Device Interaction.](#)

[May 1, 2007. CELLULAR NETWORKS TO ACHIEVE HIGHEST EVER DATA PERFORMANCE THIS YEAR - PCCA MiniConference to Examine Details of HSUPA and Other HSPA Advances.](#)

[August 16, 2006. MOBILE COMPUTING INDUSTRY LEADERS TO EXAMINE EMERGING TOPICS OF MOBILE COMPUTING POLICY AND NETWORK ACCESS CONTROL - NetMotion Wireless hosts PCCA symposium to address mobile computing policy for controlling network/application access on mobile intelligent nodes](#)

[April 19, 2006. Mobile Computing Industry Leaders To Discuss IMS Opportunities And Convergence Challenges - Tatara Systems hosts](#)

[PCCA Symposium to address IMS technology updates, applications and deployment status](#)

[Jan 17, 2006. Municipal and Mesh Wi-Fi Leaders Gather To Discuss Industry Evolution - February 2 Symposium Organized by the Portable Computer and Communications Association to Address the Technologies that will Drive Adoption](#)

[March 28, 2002. Portable Computer and Communications Association Announces Participants for April 23 and 24 Symposium on CDMA 2000, Wireless VPNs and Wireless Security.](#)

[April 25, 2000. Personal Computer and Communications Association Meeting to Focus on New Internet Standards and Wireless Networks.](#)

[January 11, 2000. Personal Computer and Communications Association to Explore Urgent Wireless Data-to-Virtual Private Network Issues at Special Meeting in New Orleans, March 1; Meeting Coincides with CTIA's Wireless 2000.](#)

## **Newsletter**

Beginning in 2000, the PCCA newsletter was distributed in a soft-copy format. Since 2004, the newsletter has been published on an occasional basis.

January, 2008. [PDF Format.](#)

September 26, 2003. Volume 8, number 3. [MS Word format.](#) [PDF format.](#)

June 26, 2003. Volume 8, number 2. [MS Word format.](#) [PDF format.](#)

March 8 , 2003. Volume 8, number 1. [MS Word format.](#) [PDF format.](#)

December 10, 2002. Volume 7, numbers 3-4. [MS Word format.](#) [PDF format.](#)

June 19, 2002. Volume 7, number 2. [MS Word format.](#) [PDF format.](#)

March 11, 2002. Volume 7, number 1. [MS Word format.](#) [PDF format.](#)

December 20, 2001. Volume 6, number 4. [MS Word format.](#) [PDF format.](#)

September 21, 2001. Volume 6, number 3. [MS Word format.](#) [PDF format.](#)

June 18, 2001. Volume 6, number 2. [MS Word format.](#) [PDF format.](#)

March 5, 2001. Volume 6, number 1. [MS Word format.](#) [PDF format.](#)

November 29, 2000. Volume 5, number 4. [MS Word format.](#) [PDF format.](#)

September 8, 2000. Volume 5, number 3. [MS Word format.](#) [PDF format.](#)

April 14, 2000. Volume 5, number 2. [MS Word format.](#) [PDF format.](#)

February 11, 2000. Volume 5, number 1. [MS Word format.](#) [PDF format.](#)

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