



Updated October 26, 2016.

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## Smart Cities in the Age of 5G

A Technology and Policy Workshop  
Held in Partnership with the Georgetown University  
Center for Business and Public Policy's  
Project on the Evolution of Regulation and Innovation

Wednesday, October 26, 2016



Georgetown University School of Continuing Studies  
640 Massachusetts Ave NW  
Washington, DC 20001

Chair: Peter Rysavy, [Rysavy Research](#)

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### BACKGROUND

This fourth annual spectrum technology and policy workshop will review the spectrum demands and network architectures of evolving mobile broadband networks, with a focus on how these networks are enabling the realization of "smart cities" across the United States. Engineers and technical experts will discuss the emerging vision for what constitutes a smart city, the emerging and most compelling use cases, and will explain how 5G and LTE-Advanced-fueled mobile broadband networks can help localities around the country realize that vision. These experts will discuss ideal spectrum scenarios for a 5G world and will preview the types of capabilities that 5G and LTE-Advanced will create. Policy experts, industry representatives, and investment analysts will discuss the types of use cases that are driving the evolution of mobile broadband networks in the U.S. and attracting the levels of investment needed for sustained network expansion. Speakers will address questions such as:

- What is the technology vision of "smart cities"?
- What features of LTE-Advanced, 5G, and other wireless technologies facilitate the realization of this vision of smart city infrastructure throughout the U.S.?
- What are the optimal spectrum allocations to power 5G mobile networks?

- What role will smart infrastructure play for: resource management, traffic flow, vehicular safety, other use cases?
- What federal policy choices will help or hinder rapid deployment of 5G and other wireless infrastructure across the country?
- Will local siting policies delay 5G deployment?
- What smart cities initiatives are underway and expected in the near future? Are there best practices taking hold?
- What end-to-end solutions are available to facilitate smart city applications?

## PRELIMINARY AGENDA

Workshop. Wednesday, October 26, 2016.  
8:30 a.m. – 2:00 p.m.

Agenda and schedule subject to change.

8:30 – 9:00 Registration/ Breakfast

9:00 – 9:15 Opening Remarks and Welcome by Georgetown and Wireless Technology Association

9:15 – 9:30 Keynote Address

**Eric Dresselhuys**, Co-Founder and EVP of Global Development, Silver Spring Networks.

9:30 – 10:30 Panel Discussion: How Technology Is Enabling the Realization of Smart Cities

Topics: Spectrum, technologies capabilities, architectures, and standards.

Moderator: **Peter Rysavy**, President, Rysavy Research.

**Hani Beshara**, Director, Technical Solutions, Ericsson.

**Jin Yang, PhD**, Senior Director, AI for Network Intelligence, Huawei USA R&D, Huawei.

**Reza Arefi**, Director Spectrum Strategy, Intel.

**Brian Hendricks**, Head of Technology Policy and Public Affairs, North America and Latin America, Nokia.

10:30 – 11:00 Networking Break

11:00 – 12:00 Panel Discussion: Making the Business Case for 5G and Smart Cities

Moderator: **Carolyn Brandon**, Senior Industry and Innovation Fellow, Georgetown Center for Business and Public Policy.

Topics: Investment motivation, use cases, end-to-end solutions, resource management, other.

**Jonathan Norton**, Director, AT&T Public Policy, AT&T.

**Nick Cardillicchio**, Strategic Accounts, CIVIQ Smartscapes.

**Eric Dresselhuys**, Co-Founder and Executive Vice President of Global Development, Silver Spring Networks.

**Diane McBeth**, Energy Innovation Manager, Southern Company.

**Jennifer Fritzsche**, Managing Director, Wells Fargo Securities.

12:00 – 1:00 Lunch

1:00 – 2:00 Panel Discussion: Aligning Policy and Technology – A Hitchhiker's (Policy) Guide Through a 5G Universe

Topics: Siting policies, local policies, federal policies, other.

Moderator: **Larry Downes**, Project Director, Georgetown Center for Business and Public Policy.

**Jamie Hastings**, Senior Vice President of External and State Affairs, CTIA.

**Erin McGrath**, Legal Advisor, Wireless, Commissioner Michael O'Rielly, FCC.

**Linda Kinney**, Senior Advisor, Internet Policy, The National Telecommunications & Information Administration (NTIA).

**Charla Rath**, Vice President, Wireless Policy Development, Verizon.

Berge Ayvazian, Industry Analyst and Consultant, Wireless 20/20.

## **WORKSHOP LOCATION**

The workshop will be held at:

Georgetown University School of Continuing Studies  
640 Massachusetts Ave NW  
Washington, DC 20001

## **REGISTRATION**

The registration deadline is end of day, October 25, 2016.

WTA members: free. If you are a WTA member and don't have the discount code, please contact me. The following organizations are WTA members and people from these organizations do not have to pay the workshop fee to attend: AT&T, Ericsson, Georgetown University, Growth Impact Solutions, Instep Group, Intel, MCCI, Mobile Computing Promotion Consortium (MCPC), NetMotion Wireless, Qualcomm, Rysavy Research, and Sierra Wireless.

Press and government agencies: free.

Organizations affiliated with Georgetown University: free. Contact us for a discount code.

Non-members: \$295 for registration through September 26, \$495 September 27 to October 25.

If you intend to come, please register soon.

[Click here to register using our Eventbrite registration process.](#)

## **HOTEL AND TRAVEL INFORMATION**

Nearby hotels include the following. We do not have a room block.

Marriott Marquis  
901 Massachusetts Ave NW, Washington, DC 20001  
<http://www.marriott.com/hotels/maps/travel/wasco-marriott-marquis-washington-dc/>

Embassy Suites  
900 10th Street NW,  
<http://embassysuites3.hilton.com/en/hotels/district-of-columbia/embassy-suites-washington-dc-convention-center-WASCCES/index.html>

Marriott Renaissance  
999 Ninth St NW  
<http://www.marriott.com/hotels/travel/wasrb-renaissance-washington-dc-downtown-hotel/>

Hampton Inn  
901 6th Street  
<http://hamptoninn3.hilton.com/en/hotels/district-of-columbia/hampton-inn-washington-downtown-convention-center-WASHHHX/index.html>

Hotel Monaco  
700 F St NW  
<http://www.monaco-dc.com/>

## **PRESENTERS AND PANELISTS (alphabetical by last name)**

**Reza Arefi**

Director Spectrum Strategy, Intel



Reza Arefi leads spectrum strategies and global radiocommunication standards at Next Generation systems & Standards division of Intel's Communications & Devices Group. He develops market-driven spectrum strategies for Intel's wireless products and assists with global public policy efforts. Reza has been actively contributing to standards and various industry groups on wireless systems for the past fifteen years, often in leadership positions (ITU-R, IEEE, WiGig Alliance, etc.). Since 2004, Reza has regularly represented Intel in regional and international regulatory standards organizations including in World Radio Conferences (WRC). His current focus is on enabling spectrum for 5G cellular systems. He holds several patents in various areas of wireless communications including mm-wave technologies and spectrum sharing. Reza holds an EE bachelor's degree from Sharif University of Technology and a Master's degree from West Virginia University.

### **Berge Ayvazian**

Industry Analyst and Consultant, Wireless 20/20



Berge Ayvazian joined Wireless 20/20 as a Senior Analyst in 2009, following more than 20 years as a senior telecom industry analyst and strategy consultant with Yankee Group, where he served as CEO and co-chairman of the 4G World and Mobile Internet World conference programs. He has extensive experience working with cities on Smart City initiatives, municipal broadband, public Wi-Fi, and public-private partnerships.

At Wireless 20/20, he leads an integrated practice to help mobile and wireless broadband operators and their vendors to develop their 4G/5G technology roadmaps and build a complete business case leveraging the Wireless 20/20 WiROI™ Business Case Analysis Tools. He has used these tools to develop operator 4G network business cases, and address the most challenging modeling problems associated with fixed wireless networks, Wi-Fi Offload, Small Cell deployments and 4G networks to serve venues such as stadiums, airports and train stations. With Wireless 20/20, Ayvazian is working with several cities on their IoT and smart city initiatives and with private sector vendors and service providers on their smart city programs.

Ayvazian also spent five years with UBM as a Senior Analyst/Consultant for Heavy Reading conducting 4G Network and Mobile Internet research on the convergence of broadband and mobility and the evolving business strategies of mobile service providers and their technology vendors. Ayvazian chaired 4G World conferences in the US and India and he continues to serve as the Program Director and Conference Chair of UBM's Tower & Small Cell Summit. Ayvazian is a frequent speaker and/or moderator at other telecom industry events worldwide organized by Informa/Knect365, UBM/Light Reading, 4G World/Yankee Group and W2i Digital Cities Convention. He has been a regular contributor of analyst notes, white papers and webcasts for RCR Wireless, Light Reading,

Light Reading India, Wireless 20/20 and 4G Trends media portals.

## Hani Beshara

Director, Technical Solutions, Ericsson



Hani Beshara has been a leader in the wireless industry for over 20 years. Mr. Beshara holds an MSc. in Systems Engineering from the Southern Methodist University. He held management positions in Nortel and Ericsson that spanned R&D, product management, marketing, and technical sales. Mr. Beshara has provided end-to-end wireless solutions to a number of US and international customers across Radio, Core, and OSS/BSS for CDMA, WCDMA, LTE, and 5G technologies. As of late, Mr. Beshara has been responsible for the market development and solutions for Ericsson's Radio Access network and the Internet of Things. Mr. Beshara is located in Plano, TX.

## Carolyn Brandon

Senior Industry and Innovation Fellow, Georgetown Center for Business and Public Policy



Ms. Brandon formed strategic consulting firm Whitworth Analytics LLC in 2011 to provide decision support, and strategic policy counsel to companies in the high tech, broadband and wireless sectors. Ms. Brandon is also a Senior Industry and Innovation Fellow at the Georgetown Center for Business and Public Policy where she focuses on competition and regulatory policy as applied to networked industries and emerging markets.

Prior to forming Whitworth Analytics, Ms. Brandon served as Vice President, Policy for CTIA-The Wireless Association where she worked for five years with CTIA's more than 200 members to develop strategic, national public policies for the U.S. commercial wireless industry. Brandon focused on policy matters impacting industry structure, competition, innovation and technology development.

Before joining CTIA in 2004, Ms. Brandon was a partner in the Washington, D.C. boutique law firm Wilkinson Barker Knauer, LLP where for 12 years she represented wireless telecommunications providers in proceedings and transactions before the Federal Communications Commission, state public utility commissions, U.S. bankruptcy courts and the U.S. Securities and Exchange Commission.

Voted one of the "Top Ten Women in Wireless" by the publishers of Wireless Week, Ms. Brandon has served on the Advisory Board of the TechPolicy Summit, and was selected to represent the wireless industry on the Federal Communications Commission's Consumer Advisory Committee, an official Federal Advisory Committee. Carolyn has served two terms on the Executive Committee of the Federal Communications Bar Association and two terms on the Steering Committee of the District of Columbia Bar Association's Computer and Telecommunications Committee. Her pro bono activities

include representing prospective adoptive parents before the DC Superior Court, Family Division. She currently serves on the Board of Trustees of Green Hedges School, a pre-K through 8 independent school located in Vienna Virginia. Ms. Brandon also serves as an Advisory Board Member to the Northern Virginia Children's Science Museum.

### Nick Cardillicchio

Strategic Accounts, CIVIQ Smartscales



Nick Cardillicchio works with cities around the world to define their smart cities roadmap, and bring together the necessary partners to bring this to a successful execution. His experience lies with driving long term projects from initial concept through to a successful real world deployment.

As CIVIQ's Strategic Accounts Manager, Nick has been responsible for overseeing major deployments such as LinkNYC, the first of its kind communications network that is replacing over 7,500 pay phones across the five boroughs of New York, and the MTA's 'On the Go TravelStation' program – involving the modernization of the New York Subway system by bringing an interactive customer communications system into stations across New York.

### Larry Downes

Project Director, Georgetown Center for Business and Public Policy



Larry Downes is a best-selling author on developing business strategies in an age of accelerating technological disruption.

He is the co-author, with Paul F. Nunes, of *Big Bang Disruption: Strategy in the Age of Devastating Innovation* (Portfolio 2014), now a bestseller. Based on extensive research, the book describes a new kind of disruptive innovation and teaches executives across industries how to adjust their strategies to survive it.

His previous book, *The Laws of Disruption: Harnessing the New Forces that Govern Business and Life in the Digital Age* explored the accident-prone intersection of law and innovation.

Downes is the author of the New York Times and Business Week bestseller, *Unleashing the Killer App: Digital Strategies for Market Dominance*, which was named by The Wall Street Journal as one of the five most important books ever published on business and technology.

He writes regularly for Forbes, Harvard Business Review, The Washington Post and CNET, and is frequently quoted in media stories in both mainstream and trade outlets.

He is currently Project Director at the Georgetown Center for Business and Public Policy and a Research Fellow with the Accenture Institute for High Performance.

He has previously held faculty appointments at the University of Chicago Booth School of Business, Northwestern University School of Law, and the University of California-Berkeley's Haas School of Business, where he was Associate Dean of the School of Information.

### **Eric Dresselhuys**

Co-Founder and Executive Vice President of Global Development, Silver Spring Networks



Eric is one of Silver Spring Networks' co-founders, and has more than 15 years of experience in developing critical infrastructure networks to address utilities and cities most pressing challenges. Eric has been instrumental to the growth of the company and currently leads the company's global development, where he meets with heads of government and energy industry the world over on the development of all types of Internet of Things applications.

Eric has held various leadership roles in customer development, new product development and product introductions. He has served on the board of directors of the Smart Grid Consumer Collaborative (SGCC), Demand Response and Smart Grid (DRSG) Coalition and the Automatic Meter Reading Association's (AMRA) Marketing and Development Committee. He was also the founding member of OpenAMI. Eric previously spent 9 years at Procter & Gamble in various sales and marketing roles. He holds a B.S. in economics from the University of Wisconsin, Madison.

### **Jennifer Fritzsche**

Managing Director, Wells Fargo Securities



Jennifer Fritzsche is a managing director in the Equity Research department at Wells Fargo Securities where she has focused on the Telecommunication Services and Tower sectors since 1999. Jennifer started in telecom equity research in 1996 with EVEREN Securities, where she was promoted to senior analyst after serving two years as an associate analyst on the telecom research team. In 2000, she tied for second in the "Best Up and Comers" category in Institutional Investor's annual vote. In 2006, Forbes magazine recognized Jennifer as one of the top ten stock pickers from a universe of 4,500 sell-side analysts across all industry sectors. In May 2011, Jennifer was recognized as the No. 1 earnings estimator for wireless telecommunication services by Financial Times/StarMine, a leading provider of objective ratings of equity securities

analysts. Most recently, Jennifer was again recognized by StarMine and received the 2014 No. 3 stock picker ranking for the diversified telecom services sector. Jennifer makes numerous media appearances and has often been a guest on Bloomberg and CNBC. She also speaks at many of the industry and trade conferences and often is asked to participate in many Washington, D.C. regulatory telecom seminars and events.

Jennifer has a BA in history from the College of the Holy Cross in Worcester, Massachusetts and an MBA from Northeastern University in Boston, Massachusetts where she graduated summa cum laude.

### **Jamie Hastings**

Senior Vice President of External and State Affairs, CTIA.



Jamie Hastings joined CTIA in 2011, and is responsible for advocating on policy issues for the U.S. wireless industry before all levels of state government, including public service commissions, state legislatures, governors and state attorneys general. She also engages numerous third-party organizations on a variety of topics and analyzes state legislation and regulatory proposals to ensure market-driven policies continue to reflect the ever-changing and innovative wireless industry.

Prior to joining CTIA, Hastings spent 11 years at T-Mobile USA, most recently as its vice president of state legislative affairs. She previously worked at Omnipoint Communications, Inc, where she was director and senior counsel in the legal and regulatory affairs department. She has also served as director of government relations and government operations for the County of Westchester.

Hastings graduated from Fordham University with a bachelor of arts in English. She earned a Juris Doctor from Union University Albany Law School and has a certificate from the JFK School of Government at Harvard University.

### **Brian Hendricks**

Head of Technology Policy and Public Affairs, North America and Latin America, Nokia



Brian Hendricks currently serves as Head of Technology Policy and Public Affairs for Nokia in the Western Hemisphere. He is responsible for regulatory and legislative policy impacting technology development and innovation including public safety, intellectual property, privacy and data security, cybersecurity, and spectrum allocation and utilization. He frequently works with the Department of Justice, Federal Trade Commission, and Federal Communications Commission on each of these issues as well as anti-trust and consumer matters, and with the Department of Commerce on public safety and spectrum policy. Brian has nearly two decades of regulatory and legislative experience dealing with technology, trade, consumer, and competition issues.

Prior to joining Nokia, Brian briefly served as the Staff Director to the United States Senate Committee on Commerce, Science, and Transportation where he also served for several years as General Counsel. He advised committee members in the areas of commerce, science, public safety communications, space, and emerging technology policy. During his tenure with the Committee, Brian negotiated several significant bipartisan bills including the 2010 NASA Reauthorization, reform of the Consumer Product Safety Commission, and the Restoring Online Shoppers Confidence Act. He is also a principle author of S.911, including the provisions creating FirstNet and the effort to build a national public safety wireless network. The provisions of S.911 were adopted in the Middle Class Tax Relief Act. In 2007 and 2008, he served as Legislative Counsel to U.S. Senator Kay Bailey Hutchison of Texas.

Prior to his service in the United States Senate, Brian served as an Attorney Advisor in the Enforcement Bureau at the Federal Communications Commission handling wireless and broadcast media issues impacting consumers. Before joining the FCC, Brian spent six years in the telecommunications industry working in a variety of management positions in the regulatory policy and legislative affairs organizations of Ameritech and SBC Communications. He is a graduate of the Marshall-Wythe School of Law at the College of William and Mary where he also earned a Master of Public Policy (MPP) degree specializing in regulatory policy. Brian has been an adjunct professor teaching graduate students at the College of William and Mary since 2011. He is a lawyer in good standing licensed to practice in Virginia.

## Linda Kinney

Senior Advisor, Internet Policy, National Telecommunications & Information Administration (NTIA), U.S. Department of Commerce



Linda Kinney serves as the Senior Advisor for Internet Policy at NTIA, the Executive Branch agency principally responsible for advising the President on telecommunications and Internet policy issues. She is part of NTIA's leadership team and advises the Assistant Secretary on digital economy matters, including privacy, internet governance, cybersecurity, and the Internet of Things. She also serves as the NTIA representative on the Administration's Smart Cities working group.

Prior to joining NTIA, Ms. Kinney served as Deputy General Counsel and Senior Vice President of the Motion Picture Association of America (MPAA). She represented the six major Hollywood studios in legal and regulatory proceedings, including testifying before the US Copyright Office on the Digital Millennium Copyright Act (DMCA). Prior to joining the MPAA, she was the Vice President of Law and Regulation at DISH Network -- the third largest U.S. pay television company.

Before moving to the private sector, Ms. Kinney spent more than a decade in public service at the Federal Communications Commission where she served as Deputy General Counsel under Chairman Michael Powell, Associate Wireline Bureau Chief for Larry Strickling, and legal advisor to Commissioner Susan Ness. She began her legal career in private practice at Graham & James in San Francisco.

Ms. Kinney has served on the Board of the Copyright Collective of Canada, was a member of the Healthy Media Commission, and has held leadership positions in the

Federal Communications Bar Association. She is a graduate of Vassar College and received her law degree from the University of Virginia. A fourth-generation Californian, she currently lives in Chevy Chase, MD, with her husband, son, and daughter.

## **Diane McBeth**

Energy Innovation Manager, Southern Company



Diane's current role is Energy Innovation Manager of the Southern Company Energy Innovation Center (EIC), The EIC functions as a catalyst to enable innovation throughout Southern Company by growing a culture of innovation, delivering new products and services, and evolving the Southern Company Business Model. She leads energy innovation efforts such as smart cities and modular micro-hydro power generation, among others.

Prior to her current role she served as Manager of Advanced Metering Infrastructure (AMI) and Meter Data Management (MDM) Operations of Southern Company, including network assets and systems. Her responsibilities included providing direction to deliver high quality, accurate, and on time usage data for approximately 4.5 million customers resulting in \$14 billion in annual revenue.

Her experience includes:

- More than 34 years of direct experience and knowledge in customer operations, distribution, and power generation and indirectly in marketing and finance.
- More than 16 years of experience as a manager leading teams across multiple functions and/or the Southern System with demonstrated ability to drive results, foster teamwork and cooperation to meet objectives.
- Demonstrated political savvy and ability to stand up and lead a complex organization comprised of Southern Company Services, Alabama Power, Georgia Power, Gulf Power, and Mississippi Power employees while meeting/exceeding operational goals.
- Proven effective leadership and management of contracts, including a business critical multi-million dollar contract.

Diane attended Columbia Southern University where she received a Bachelor of Business Administration with a minor in Human Resource Management, Summa Cum Laude. She is a 2004 graduate of the Mississippi Power Leadership Development Program and a 2005 Presidential Award recipient.

She has served as Chair of multiple Southern Company Teams and served on various Boards related to smart meter data and work force / skilled labor development.

Diane lives in Atlanta, Ga. She has two sons.

## **Erin McGrath**

Legal Advisor, Wireless, Commissioner Michael O'Rielly, FCC



Ms. McGrath has worked at the Commission since March 2000. Most recently, she was Legal Advisor to Commissioner Robert M. McDowell focusing primarily on media issues. Prior to joining Commissioner McDowell's staff, she was an Assistant Division Chief in the Wireless Telecommunications Bureau's Mobility Division. During this time, she engaged in numerous rulemaking proceedings, reviewed several major wireless and media transactions, and managed post-auction licensing matters. She also served as interim Legal Advisor to Commissioner Meredith A. Baker for wireless, international, and public safety issues. Ms. McGrath received her J.D. from the Benjamin N. Cardozo School of Law and her B.A. from the University of Pennsylvania.

### Jonathan Norton

Director, AT&T Public Policy, AT&T

Jonathan Norton is Director of Public Policy for AT&T. He started his career as a wireless network engineer eventually moving into an R&D role. A patented inventor, Jonathan has worked on many technology firsts in the industry ranging from video over IP to the first commercially available wireless location network. In his public policy role Jonathan covers a range of issues, most centered on wireless and emerging technologies. As a public policy SME Jonathan has supported policy solutions from the national to local level.

### Charla Rath

Vice President, Wireless Policy Development, Verizon



Charla Rath is Vice President, Wireless Policy Development. She is responsible for developing and managing many of Verizon's public policy initiatives related to spectrum management. Charla is particularly focused on alternative spectrum auction mechanisms and developing sources of spectrum for future needs, including 5G. She is a member of the Commerce Spectrum Management Advisory Committee (CSMAC) and the IEEE Dynamic Spectrum Access Networks (DySPAN) Steering Committee.

### Peter Rysavy

President, Rysavy Research



Peter Rysavy is the president of Rysavy Research LLC, a consulting firm that has specialized in wireless technology since 1993. Projects include analysis of spectrum requirements for mobile broadband, reports on the evolution of wireless technology,

evaluation of wireless technology capabilities, strategic consultations, system design, articles, courses and webcasts, network performance measurement, test reports, and acting as expert in patent-litigation cases. Clients include more than 75 organizations.

Peter is a broadly published expert on the capabilities and evolution of wireless technology. He has written more than 150 articles, reports, columns, and white papers, and has taught more than 40 public wireless courses and webcasts. He has also performed technical evaluations of many wireless technologies including cellular-data services, municipal/mesh Wi-Fi networks, Wi-Fi hotspot networks, mobile browser technologies, wireless e-mail systems, and social networking applications.

From 1988 to 1993, Peter was vice-president of engineering and technology at Traveling Software (later renamed LapLink) where projects included LapLink, LapLink Wireless, and connectivity solutions for a wide variety of mobile platforms. Prior to Traveling Software, he spent seven years at Fluke Corporation where he worked on data-acquisition products and touch-screen technology. More information is available at <http://www.rysavy.com>.

### **Jin Yang, PhD**

Senior Director, AI for Network Intelligence, Huawei USA R&D, Huawei



Dr Jin Yang is a veteran of the telecomm industry having spent the last 20 years working in different wireless technologies at Lucent, Motorola and Huawei.

Jin is currently leading a research group exploring and applying machine learning and AI technologies in wireless network operation, optimization and design space, including network performance and user experience monitoring, anomaly detection, root cause analysis, network optimization and resource management. Now he is leading some company wide initiatives in establishing AI enabled intelligence for smart network operation and design.

Prior to that, he worked for Motorola and Lucent (in UK and China) for various technical management roles including the Director of the Communication Lab in Beijing. His expertise includes wireless systems (RAN and CN), IP based communication and multimedia applications, and he holds 10+ patents.

Jin obtained his PhD degree at Imperial College, London, and BSc and MSc degrees from Tsinghua University, Beijing.

## **INFORMATION FOR PRESENTERS AND PANELISTS**

The following information is for people presenting at the WTA workshop:

- Presentations: Approximately 5-10 minutes for panel discussions.
- Presenters must provide their presentations (PDF or PPT) at least one week prior to the workshop to allow for copying to the members area of the WTA Web site, as well as to allow detailed questions for discussion.
- Emphasis should be on industry and technology at large, versus selling your product (limit of 3 slides). Consider items such as compatibility, technical alternatives, standardization, deployment considerations, interoperability, certification and adoption.

- Generally, a dynamic and attentive audience of key industry stakeholders attend each workshop, representing a broad spectrum of the mobile computing industry, including operators, infrastructure vendors, device vendors, middleware providers, policy makers, and application developers.
- We will provide a video projector and computer for presenting. Presenters should use their own presentation templates.
- **Because WTA workshops are considered public meetings, please do not include any confidential or proprietary information. Please do not mark your presentations with any terminology indicating confidential or proprietary information.**

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