



Day 1

Wednesday 12 September

09:00 – 10:30am

Keynote 1: A Connected Future

Mats Granryd, Director General, GSMA
Marcelo Claure, CEO, Sprint
Sunil Bharti Mittal, Chairman, GSMA and Founder & Chairman, Bharti Enterprises
Meredith Attwell Baker, President & CEO, CTIA

11:00am – 12:00pm

Keynote 2: Innovation

Moderator: Sarah Krouse, Reporter, The Wall Street Journal
Bill Gross, Founder & Chairman, Idealab
Darcy Antonellis, CEO, Vubiquity
Sean Doherty, CEO, WURL

1:00 – 1:50pm

5G Ready: A Spectrum Policy Update

Everything Policy

As wireless providers around the globe race to lead in 5G, these next-gen networks will require a mix of low-, mid-, and high-band spectrum. This panel will explore the forward-looking spectrum policies needed for 5G deployment and discuss how industry and government stakeholders can collaborate on spectrum initiatives.

Moderator: Kara Graves, Director, Regulatory Affairs, CTIA
Chris Wieczorek, Director, Spectrum Policy, T-Mobile
Grant Spellmeyer, VP, Federal Affairs & Public Policy, US Cellular

Peter Tenhula, Deputy Associate Administrator for Spectrum Management, Office of Spectrum Management, NTIA
Julie Knapp, Chief, Office of Engineering & Technology, FCC
John Kuzin, VP & Regulatory Counsel, Qualcomm
Kara Van Stralen, Senior Policy Advisor, Transportation & Innovation, Office of Senator Maggie Hassan

1:00 – 2:00pm

Distribution in a Digital Era

Media & Entertainment Conference

Technology innovation is transforming content distribution on three primary levels:

- Networking Technology – increased ability of wireless connectivity to deliver entertainment (e.g. live / recorded video, music etc.) with potential for 5G to open-up new content categories and services.
- OTT Platforms – ability to create cross-border content platforms operating under different economic constraints to traditional distributors and broadcasters
- Content Discovery – emergence of voice search challenges role of the content aggregator – going forward, will audiences search for the channel or directly for the content title?

In this context, the opportunities for content producers and rights holders are broadening as they are no longer constrained by traditional distribution models. For example,

sports organisations now can distribute their content direct-to-fan online, traditional broadcasters are partnering with online brands to reach increasingly targeted audiences, and telco providers are becoming an increasingly attractive distribution partner. At the same time, for distributors, there is a requirement to understand how to leverage technology evolutions to remain relevant in the digital content era.

Moderator: Sam Evans, Partner, Delta Partners

John Curbishley, SVP, Distribution Strategy, Viacom
Mike Toppo, VP & Senior Editorial Director, CNN Digital, CNN

Darcy Antonellis, CEO, Vubiquity

Alex Wallace, VP, OTT Video Production & Distribution, Oath

1:00 – 2:00pm

What is Blockchain?

Blockchain Conference

Blockchain is a transformational technology that will impact major portions of the global economy. What started out as a distributed and incorruptible online database for economic transactions, is now expanding to various use cases across industries and sectors. This powerful, efficient and transparent tool allows for sharing information in real-time. This session will highlight the foundational strength of this emerging technology and the opportunities for where it can be applied in the future.

Moderator: Maryanne Morrow, CEO & Founder, 9th Gear Technologies

Dr. Rosanna Chan, Founder, Therefore
Brian Behlendorf, Executive Director, Hyperledger Project
Ben Smith, Field CTO, RSA
Eric Wuehler, Principal Engineer, McAfee

1:00 – 2:00

Network Analytics, Diagnostics & Service Assurance

Network Optimization Conference

Cellular networks are expected to be not only constantly available, but functioning perfectly.” The highly competitive landscape across many markets in the region, especially the United States, has driven offers for more data, such as zero rated use of video, and a head-to-head on network performance to attract customers. What tools do carriers have to create flawless network experiences? How much can carriers offer to the customer without overloading their networks? Can 100% service assurance ever be accomplished?

Moderator: Sue Rudd, Director, Networks & Service Platforms, Strategy Analytics

Anand Srinivas, Co-Founder & CTO, Nyansa
Grant Castle, VP, Engineering Services, T-Mobile
Serge Marokhovsky, Director, Product Management, Telco Service Assurance, VMware



1:00 – 2:00pm

The IoT Landscape

IoT Conference

Year over year, financing for innovative IoT solutions has continued to grow. As the ecosystem moves towards massive scale, business leaders are being asked to prove that these new intelligently connected solutions will give their organizations a competitive advantage. This session will bring together industry leaders to talk about how to win with IoT and their predictions for the intelligent connectivity in 2019 and beyond.

Moderator: Graham Trickey, Head of Internet of Things, GSMA

Glenn Lurie, CEO, Synchronoss

Chris Penrose, President, IoT Solutions, AT&T

Jan Geldmacher, President, Sprint Business, Sprint

Dipti Vachani, VP & GM, Internet of Things Group, Intel

Jawad Manssour, Head of Networks Portfolio Management at Product Area Networks, Ericsson

2:00 – 2:50pm

Securing our Connected World

Everything Policy

As we embrace an increasingly connected wireless world, this panel will discuss the security landscape and explore approaches, tools, and wireless industry efforts to secure the Internet of Things (IoT) and protect today's 4G and the 5G networks of tomorrow.

Moderator: Melanie Tiano, Director, Cybersecurity & Privacy, CTIA

Evelyn Remaley, Deputy Associate Administrator, Office of Policy Analysis & Development, NTIA

Chris Boyer, AVP, Global Public Policy, AT&T

Drew Morin, Director, Federal Cyber Security Technology and Engineering Programs, T-Mobile

Elizabeth Rojas, Senior Director, Public Affairs & Government Relations, Nokia

2:15 – 3:00pm

Evolving Content Partnerships

Media & Entertainment Conference

Many mobile operators developing media and entertainment propositions are doing so through partnership. Working with platform providers in primarily video and music, Telco's are using entertainment to transition their market position from network provider to digital experience provider. In doing so, it is critical for operators to identify and on-board partners to create mutual value and ensure investment in the network to deliver the required quality of experience.

Moderator: Sam Evans, Partner, Delta Partners

Moderator: Andrew Snead, Head of North America, Delta Partners

Allan Samson, Senior Vice President, Marketing, Sprint

Patrizio Spagnoletto, VP - Subscriber Acquisition, Hulu

Kevin Wall, Co-Founder, PTK Capital

Andy Schuon, Co-Founder & CEO, Speaker Studios

2:15 – 3:00pm

Cryptocurrencies and Beyond

Blockchain Conference

There is an ever-growing opinion that cryptocurrencies have created a new model for a decentralized economy.

Blockchain technology enables the existence of these currencies and makes it possible for people to freely, and

securely exchange money digitally. With new cryptocurrencies appearing every day, we must ask:

- Is this all hype?
- Should new investors be entering these new markets? And if so, how should they choose which currency to invest in?
- How have cryptocurrencies evolved overtime? And how will they continue to evolve?
- Will the market be able to scale globally?
- When will governments attempt to regulate cryptocurrencies? And what will the impact be?
- Will all cryptocurrencies survive?

Moderator: Maryanne Morrow, CEO & Founder, 9th Gear Technologies

Aman Johar, Principal, Investment Strategy, Proteum Capital

Eric Wiesen, General Partner, Bullpen Capital

Tavonia Evans, Founder & CEO, \$Guap Coin

Zhen Cao, Partner, JLAB

2:15 – 3:00

Open Networks

Network Optimization Conference

The call for industry-wide open source networks, and the deployment of open source architecture such as SDN and NFV technology is becoming louder. With an ever-increasing demand for data and the looming reality of 5G, the urgency to upgrade and develop increased network capabilities, whilst maintaining cost and becoming more agile. What role does open-source software have in the networks of tomorrow?

Moderator: Sue Rudd, Director, Networks & Service Platforms, Strategy Analytics

Rob Wilmoth, Chief Architect, Red Hat

Dave Stehlin, General Manager, Lifecycle Service Assurance, Spirent

Angela Logothetis, VP & Head of CTO, Open Network Division, Amdocs

Mansoor Hanif, Independent Consultant, UK5G

2:15 – 3:00pm

Delivering Mobile IoT at Scale

IoT Conference

With the rapid growth of IoT solutions and deployments, there is increased pressure on the network operators to deliver affordable, low power connectivity solutions. For IoT to truly scale around the world, enterprises need an intelligent network that is designed for IoT applications, global, simple to integrate, and very secure. Are network operators ready and able to provide intelligent connectivity for all of the connected devices around the world? What should be the business model for IoT connectivity that will enable ecosystem growth?

Moderator: Ricardo Tavares, CEO, TechPolis

Dave Mayo, SVP & Business Chief of 5G and IoT, T-Mobile

Ludovico Fassati, Head of IoT, Vodafone Americas

Sue Holub, CMO, KORE

Steve Szabo, Head of Global Products & Solutions, Verizon

3:00 – 3:15pm

Keynote Remarks Featuring NTIA Assistant Secretary David Redl

Everything Policy

David Redl, Assistant Secretary and Administrator, NTIA



3:15 – 4:00pm

Legislative Policy Initiatives: Congressional Agenda

Everything Policy

The U.S. Congress plays a vital role in many of today's key wireless issues, including infrastructure siting and spectrum. In this wide-ranging discussion, senior Congressional staff from the Senate and House will discuss important legislative efforts that would impact the wireless industry.

Moderator: Jaime Hjort, Assistant Vice President, Government Affairs, CTIA

Crystal Tully, Policy Director & Counsel, Senate Committee on Commerce, Science, & Transportation

Eric Einhorn, Senior Counsel, Senator Brian Schatz

Sean Farrell, Professional Staff Member, House Committee on Energy and Commerce

Alex Damato, Senior Technology and Telecommunications Policy Adviser, Office of Rep. Doris Matsui

3:15 – 4:00pm

Monetizing Media, Content & Entertainment

Media & Entertainment Conference

As opportunities for distribution evolve, the potential options to monetise content, media and entertainment diversify. Depending on content category, audience and platform, advertising, subscription and transactional models can all be leveraged to generate value. On one side, given the increasing complexity of the media ecosystem identifying the optimal monetization model for content can be challenging. Whilst on the other, increasing diversity of monetization options is opening-up greater opportunities for content producers impacting the investment process. In such a complex and evolving ecosystem, how can players across the entertainment value chain ensure an ROI? This session will use sports as a case study for how the opportunities and requirements for monetizing content are ever evolving in the digital era.

Moderator: Sam Evans, Partner, Delta Partners

Christa Carone, President, Group Nine Media

Bob Gruters, Group Director, Entertainment, Technology & Connectivity, Facebook

Christine Pantoya, SVP, Direct to Consumer & Mobile Strategy, NBA

Richard Berry, Commercial Director, Williams F1

3:15 – 4:00pm

Blockchain and Identity Management

Blockchain Conference

Today, industry experts disagree about the potential of using blockchain to control identity information. Some believe it will allow individuals to have complete control of their identity, and how they want to share personal information. While others emphasize that it would not be safe to store personal data on an inherently public platform. This session will bring together industry experts to debate whether blockchain will be the best tool for managing identity information going forward.

Moderator: Maryanne Morrow, CEO & Founder, 9th Gear Technologies

JP Bedoya, VP Product and Design, Civic

Steve Ritter, CTO, Mitek

Dominique Shelton, Partner, Perkins Coie

Qiang Li, Chief Scientist, Cloudminds

3:15 – 4:00pm

Automating the Network: AI & Machine Learning

Network Optimization Conference

Applying automated processes and predictive analytics to the network is a vital cost-saving and efficiency-maximizing strategy. Although it is not a new technology, AI is becoming increasingly fundamental in shaping, and virtually re-shaping, networks according to demand and faults.

Moderator: Sue Rudd, Director, Networks & Service Platforms, Strategy Analytics

Jonathan Davidson, SVP & GM, Service Provider Networking, Cisco

Paul Tilghman, Program Manager, Microsystems Technology Office, DARPA

Jan Karlsson, EVP & head of Business area Digital Services, Ericsson

Ron Marquardt, VP, Technology, Sprint

3:15 – 4:00pm

Mobile IoT Deployments

IoT Conference

With the emergence of Mobile IoT networks, AI, edge computing and cloud infrastructure, the process of designing, securing and deploying IoT devices has become significantly less complex. This session will feature a panel discussion including companies who have successfully deployed low power mobile IoT solutions leveraging the benefits of intelligent technologies.

Moderator: Ricardo Tavares, CEO, TechPolis

Georges Karam, President & CEO, Sequans Communications

Kishen Mangat, GM, Service Provider Mobility, Cisco

Ellie Symes, CEO, The Bee Corp

Brent LaSala, Head of Marketing, Seek Thermal

Scott Schwalbe, CEO, Nimbelink

4:10 – 5:00pm

Wireless Policy From the Inside: The FCC and NTIA Legal Advisors' View

Everything Policy

From spectrum to infrastructure, to broadband, IoT, and public safety issues, this panel will give you insights from wireless experts who advise FCC and NTIA leadership as they discuss the policy issues and decisions that will drive the wireless ecosystem – and ultimately touch us all.

Moderator: Scott Bergmann, SVP, Regulatory Affairs, CTIA

Erin McGrath, Legal Advisor, Wireless, Public Safety and International, Office of Commissioner Michael O'Rielly, FCC

Will Adams, Legal Advisor, Office of Commissioner Brendan Carr, FCC

Umair Javed, Legal Advisor, Wireless and International, Office of Commissioner Jessica Rosenworcel, FCC

Derek Khlopin, Senior Advisor to Assistant Secretary, NTIA

Nicholas Degani, Senior Counsel, Office of Chairman Ajit Pai, FCC



4:15 – 5:00pm

Original Content Strategies

Media & Entertainment Conference

Original content, traditionally the bastion of television broadcasters, is undergoing a fundamental transformation. International OTT platforms have been able to change the economics of content investment creating super-productions with the cost-per-hour of content reaching \$10m, whilst smartphone technology advancements and social media platforms have democratized production. As a result, there is ever-more original content competing for audience engagement, and for content investors it can be increasingly challenging to pick the 'winners'.

*Moderator: Sam Evans, Partner, Delta Partners
Nicole Jackson, Deputy Executive Editor, The Guardian
flagship podcast, The Guardian
Gunjan Bhow, SVP / GM Digital, The Walt Disney Company
Emily Forbes, CEO, Seenit Digital*

4:15 – 5:00pm

Blockchain for Enterprise

Blockchain Conference

Blockchain technology is expected to have significant impact across industry sectors, including payments, IoT, identity management, insurance, energy and more. Even though blockchain adoption is becoming more mainstream, the enterprise will have specific challenges when integrating this technology. This session will highlight the latest innovations, use cases and opportunities for blockchain in the enterprise.

*Moderator: Maryanne Morrow, CEO & Founder, 9th Gear Technologies
Shyam Nagarajan, Director, Global Blockchain Industry & Network Growth, IBM
Asheesh Birla, SVP, Product, Ripple
Doug Garland, VP Innovation and Partnerships, Sprint
Sam Samuel, CTO Mobility Group, Cisco
Radhika Iyengar-Emens, Managing Partner, DoubleNova Group & Founding Partner, StarChain Ventures*

4:15 – 5:00pm

The Network Edge

Network Optimization Conference

Moving computing power and network capabilities towards the network edge is highly relevant for today's networks, as well as those of the future. By moving computing power to the edge, networks are able to cache popular data and services, creating efficiencies and driving up performance. During this panel, a line-up of industry experts will debate the role of the edge in expanding network capabilities, dealing with increased traffic and closing not-spots.

*Moderator: Sue Rudd, Director, Networks & Service Platforms, Strategy Analytics
Alicia Abella, VP Advanced Technology Realization, AT&T
Caroline Chan, VP, Network Platforms Group & GM, 5G Infrastructure Division, Intel
Sanyogita Shamsunder, VP, 5G Ecosystems, Verizon
Bejoy Pankajakshan, SVP & CSO, Mavenir*

4:15 – 5:00pm

Securing IoT for the Enterprise

IoT Conference

As the number of connected devices, systems and services continues to grow, security is now more important than ever. The enterprise is particularly vulnerable, because any malicious cyber activity could have significant impact on customers and employees personal information and/or safety. This session will feature a IoT security solution demonstration, as well as a panel discussion on potential security risks for the enterprise and how to design effective security solutions.

*Moderator: Ricardo Tavares, CEO, TechPolis
Alex Thurber, SVP & GM of Mobility Solutions, BlackBerry
Colin Morris, Director, Adobe Analytics, Adobe
Chris Calvert, Co-Founder & VP, Product Strategy, Respond Software
Bodil Josefsson, Head of IoT Security, Ericsson*



Day 2

Thursday 13 September

09:00 – 10:45am**Keynote 3: The Fourth Industrial Revolution**

Ronan Dunne, Group President, Verizon
Rajeev Suri, President & CEO, Nokia
Tim Baxter, President & CEO, Samsung Electronics North America
Seleta Reynolds, GM, LA Department of Transportation
Esther Wojcicki, Journalist and Educator

11:15 – 12:00pm**Keynote 4: Connecting Content**

Moderator: Lisa Pommerening, Head of Industry Strategy for Media, Entertainment & Information Industries, WEF
David Christopher, President, AT&T
Roger Lynch, CEO, Pandora

1:00 – 1:15pm**Keynote Remarks Featuring FCC Commissioner Michael O’Rielly**

Everything Policy
Michael O’Rielly, Commissioner, FCC

1:00 – 2:00pm**Experiencing Live Events: Business Models**

Media & Entertainment Conference
When every music, sports and entertainment fan has a Smartphone in their pocket and the demand for live experiences is exploding globally, the face of live entertainment is changing rapidly. The globalisation of music, sports and live events is creating exciting opportunities for clubs, musicians and broadcasters alike. How do rights owners and broadcasters leverage digital mobile channels to build a loyal fan base across continents? And how do these stakeholders leverage 360 digital strategies to build out global fan bases and audiences? How do they find, and work with, the best partners? This session will examine the latest market developments and case studies from across the music, sports and entertainment ecosystem.
Moderator: Michelle Wroan, Partner, KPMG
Howard Wright, VP & Head of Global Business Development, Intel Sports, Intel
Travis Rettke, Creative Director, Bleacher Report
Bryan Perez, CEO, AXS.com

1:00 – 2:00pm**Brands Owning Mobile - The Time is Now**

CMO & Digital Marketing Conference
Building brands and staying top-of-mind when so many brands touch the consumer in their mobile experience has never been more challenging. But with challenge comes opportunity in spades. This session explores:

- How brands can hone in on differentiators in a competitive market
- Moving from network-centric to customer-centric to people-centric
- How brands can best interact with strategy/product/services/network planning and operations,

particularly as the CMO has more role than before in driving technology and solutions decisions
Moderator: Trevor Fellows, EVP Digital Partnerships, NBC
Sharon Profis, Executive Editor, CNET
Roger Sole, CMO, Sprint
Brendan Ripp, EVP, National Geographic, Fox Networks Group
Mike Shields, Advertising Editor, Business Insider
Ronalee Zarate-Bayani, CMO, LA Rams
Tyler Stewart, Senior Director, Brand Marketing & Design, Bleacher Report

1:00 – 2:00pm**AI Investment Trends**

AI: Enterprise Applications Conference
AI innovation is accelerating at a rapid pace, with large enterprises and creative new start-ups consistently producing game-changing developments. Despite the quantity of AI applications currently activated, this market segment is still taking shape. AI’s growth seems inevitable, but for the companies innovating and for the investors, there is no guarantee that AI will take off in all sectors. This session will ask early AI investors, AI enterprise leaders and futurists, to highlight past investment decisions, and provide predictions for the AI market.

Moderator: Isabelle Mauro, Head of Digital Communications Industries Technology, Media & Digital Industries, WEF
Angela Shen-Hsieh, Director, Predicting Human Behaviour, Telefónica
Gary Brotman, Head of AI & Machine Learning Product Management, Qualcomm
Chang Xu, Principal, Upfront Ventures
Alvin Lin, AI Corp Dev, NVIDIA
Trina Van Pelt, VP, Intel Capital Data Center & Cloud, Artificial Intelligence & Automated Driving Groups, Intel

1:00 – 2:00pm**5G – The CTO Session**

5G Conference
The deployment of 5G will be shaped by the business case and the technology proposition put forward by the leaders in the ecosystem. In this high-level session, CxO executives from leading carriers in the region will discuss their vision for 5G, where they see the value-add for this next generation, and share their roadmaps for trials and deployments.
Moderator: Chris Nicoll, Principal Analyst, Wireless & Mobility, ACG Research
Dr. John Saw, CTO, Sprint
Nicola Palmer, Chief Network Officer, Verizon
Neville Ray, CTO, T-Mobile
Andre Fuetsch, President, AT&T Labs & CTO, AT&T

**1:15 – 2:00pm****International Perspectives on Spectrum and 5G**

Everything Policy

With just over a year to go until the World Radio Conference 2019, this panel will bring together policy experts from across the Americas to discuss spectrum and 5G developments in their home markets as well as implications for the global stage in advance of WRC-19.

Moderator: Jen Oberhausen, Director, Regulatory Affairs, CTIA

Jayne Stancavage, Executive Director, Communications Policy, Intel

John Godfrey, SVP, Public Policy, Samsung Electronics North America

2:15 – 2:30pm**Keynote Remarks Featuring FCC Commissioner Brendan Carr**

Everything Policy

Brendan Carr, Commissioner, FCC

2:15 – 3:00pm**Experiencing Live Events: Tech**

Media & Entertainment Conference

Join us for a showcase of the latest developments in experiential and live events across music, sports and entertainment, as we discuss:

- Developing strategic brand partnerships
- The use of VR, AR & Biometrics to enhance the live experience
- How new technologies such as end to end UltraHD, 8K, and other consumer centric innovations will deliver the next generation of fan experiences.

Moderator: Todd Beilis, Principal / Partner, Deloitte

Doug Lodder, SVP, Business Development, Boingo Wireless

Chuck Steedman, COO, AEG

Geoff Reiss, GM, Yahoo Sports & VP, Sports, Oath

J.R. McCabe, Chief Digital Officer, ESP Gaming, Poker Central, PokerGO

2:15 – 3:00pm**The Golden Age of Data & The Rise of Personalization**

CMO & Digital Marketing Conference

The availability of user data is giving marketers greater access to consumer insight than ever before – providing great implications for how the customer journey can be enhanced. But how should brands navigate their way through the vast amounts of data and get to what they need to know, when they need to know it? Couple this with the ability of consumers to have control over the use of their data and a dynamic emerges that will play a crucial role in the future of digital advertising. This session will dive into how brands are leveraging data to inform how they explore, test and develop their mobile marketing strategies and content.

Moderator: Frances Yu, Principal, Telecom, Media, & Technology Customer & Marketing Practice Lead, Deloitte

Jesse Redniss, EVP, Data Strategy & Product Innovation, Turner

Trevor Fellows, EVP Digital Partnerships, NBC

Alex Magnin, Head of Revenue, Giphy

Vinny Squillace, Director, Marketing, T-Mobile

2:15 – 3:00pm**Driving Digital Transformation: AI and Machine Learning**

AI: Enterprise Applications Conference

AI is set to accelerate digital transformation in the enterprise. Early adopters, primarily from the technology, healthcare, communications and financial services sectors are already seeing encouraging results from initial trials and experimental deployments. This session will highlight successful enterprise case studies and will seek to establish what the general business model for AI might look like today and in the future.

Moderator: Isabelle Mauro, Head of Digital Communications Industries Technology, Media & Digital Industries, WEF

Soma Velayutham, Head of Industry Development AI & Deep Learning, NVIDIA

Scott Prevost, VP, Engineering, Cloud Technology & Adobe Sensei, Adobe

Pratap Ranade, VP, Engineering, Enigma

Erik Hawkins, VP, Global Product Marketing, Facebook

Dr. Jennifer Kloke, VP, Product Innovation, Ayasdi

Soma Velayutham, Head of Industry Development AI & Deep Learning, NVIDIA

2:15 – 3:00pm**5G Deployment Models**

5G Conference

Given the variety of 5G applications, there will inevitably be different approaches in how 5G is deployed. As the technology gets closer to becoming standardized and available for further trials and early deployments, carriers and the wider ecosystem will have to understand what business models are most attractive for 5G, site sharing options, network sharing and the upgrades necessary to not only hardware, but software within the network. The panel will focus on the challenges and possibilities in deploying 5G networks not only from an architectural perspective, but also considering network economics and the digital service provider business models.

Moderator: Chris Nicoll, Principal Analyst, Wireless & Mobility, ACG Research

Mallik Tatipamula, CTO, Group Function Technologies & Architectures, Ericsson

Steve Papa, Founder, CEO & Chairman, Parallel Wireless

David Zylka, CTO, Carolina West

Karri Kuoppamaki, VP, Network Technology Development & Strategy, T-Mobile

Tarek Assali, Director, Architecture, Oracle Communications, Oracle

**2:30 – 3:20pm****Building Our Way to a Robust 5G Future**

Everything Policy

Given the need to densify wireless networks, many policymakers have focused on modernizing existing infrastructure siting processes. Industry and government panelists will discuss the various reforms adopted at every level of government this year and what additional steps can ensure that wireless infrastructure can be rapidly and efficiently deployed.

*Moderator: Tom Power, SVP & General Counsel, CTIA
Charles McKee, VP, Government Affairs Federal & State Regulatory, Sprint*

*Tamara Preiss, VP, Federal Regulatory Affairs, Verizon
Jared Carlson, VP, Government Affairs & Public Policy, North America, Ericsson
Don Stockdale, Chief, Wireless Telecommunications Bureau, FCC*

Andy Huckaba, Councilman, Lenexa, KS

3:15 – 4:00pm**Stadiums of the Future**

Media & Entertainment Conference

The US is leading the way in developing next generation stadiums and venues. The LA Rams are currently constructing what is set to be the biggest and smartest stadium in the world and the NFL is generating huge sums from TV rights deals in the tens of billions of dollars. Join us as we delve into the latest and greatest in-stadium experiences, exploring the technology, investment and overall fan experience behind the stadiums of the future.

*Moderator: Todd Beilis, Principal / Partner, Deloitte
Sergio Jerez, CIO, FC Barcelona*

Stephane Wyper, SVP, New Commerce Partnerships & Commercialization, MasterCard

*Christian Lau, VP, Information Technology, LAFC
Katie Pandolfo, General Manager, StubHub Center*

3:15 – 4:00pm**Mapping the Path to eCommerce: Success in Mobile**

CMO & Digital Marketing Conference

Unsurprisingly, retailers with shopping apps now see the majority of e-commerce sales coming from mobile. With more than 57% of online traffic now coming from mobile phones and tablets, mobile must be a priority in any UX discussion. Mapping customer journeys from the first ad served right through to purchase and managing seamless customer experience in an omni-channel environment are key. How can brands be mobile-masters and design better experiences for their customers?

Moderator: Michael Mirafior, SVP, Medialink

Paolo Malabuyo, Director, UX, Google

Brian Czarny, CMO, Factual

Dawn Callahan, CMO, Boingo Wireless

Amy Bartle, Director, Integrated Media, La Quinta Inns & Suites

Asher Rapkin, Global Head of Business Marketing,

Messaging & Emerging Platforms, Facebook

Cheryl Guerin, EVP Marketing & Communications North America, Mastercard

3:15 – 4:00pm**Strategies for Managing Quality, Bias and Risks**

AI: Enterprise Applications Conference

AI has the opportunity to provide great value to people around the world. However, the rapid development of the technology is outpacing the ability to manage the issues we already see with existing AI systems. When integrating intelligent systems, companies must consider potential issues, including quality control, social profiling, bias, privacy and security. With a complex intelligent system that is constantly evolving and learning, how can companies create standards and checks today for future AI applications? This session will bring together corporate leaders who are taking on the challenge of creating ethically responsible AI-powered future.

*Moderator: Isabelle Mauro, Head of Digital Communications Industries Technology, Media & Digital Industries, WEF
Jason Geng, Founder & CEO, Data Application Lab
Choon Jeng Chong, Director Business Development, Singtel Group*

Harry Glaser, CEO & Co-Founder, Periscope Data

Marcio Avillez, SVP Networks, CUJO AI

3:15 – 4:00pm**5G Trials**

5G Conference

As 5G technology moves from theory to the field, increasing amounts of data and information are available to the ecosystem. In this session, the entire ecosystem will share their latest trials, lessons learnt and next steps ahead of wider deployment.

Moderator: Chris Nicoll, Principal Analyst, Wireless & Mobility, ACG Research

Chris Stark, Chief Business Development Officer, North America, Nokia

Alok Shah, VP Strategy, Business Development & Marketing, Samsung Electronics America

Mark Stansfield, 5G Lead, Midlands Engine & Chair, WLEP

3:30 – 3:45pm**Keynote Remarks Featuring FCC Commissioner Jessica Rosenworcel**

Everything Policy

Jessica Rosenworcel, Commissioner, FCC

3:45 – 4:30pm**Converging Markets and Regulations in the 5G Era**

Everything Policy

Change is rippling throughout the global mobile wireless industry as companies take steps to ensure their vision of a 5G future. This panel brings together thought leaders across the mobile wireless industry to discuss a converging and evolving mobile wireless market and the impact to current regulations.

Moderator: Matthew Gerst, AVP, Regulatory Affairs, CTIA

Hank Hultquist, VP, Federal Regulatory, AT&T

Mark Lowenstein, MD, Mobile Ecosystem

Kelsey Guyselman, Policy Advisor, White House Office of Science and Technology

Ric Prentiss, MD, Raymond James Financial, Inc.

**4:15 – 5:00pm****The Future of Entertainment**

Media & Entertainment Conference

Bringing together leading players in the live entertainment industry, from producers, brands, ticketing, venues and live entertainment industry experts, we'll explore the future of entertainment and the fan experiences. How can we bring the event to the fans and how can this be connected, enhanced and ultimately, monetized?

Moderator: Todd Beillis, Principal / Partner, Deloitte
Kelly Cheeseman, COO, LA Kings
Matteo Monteverdi, President, US, Sportradar
Andrew Paradise, CEO & Founder, Skillz Inc.
Mike Raffensperger, CMO, FanDuel

4:15 – 5:00pm**Pushing the Digital Marketing Envelope - What's Next?**

CMO & Digital Marketing Conference

We've hand-picked a selection of the hottest companies to showcase cutting-edge and innovative tools that will shape the next generation of digital marketing. Whether it's VR and AR, wearables and fashion tech, music, video and user-generated content, or the role of AI, these are the businesses and technologies with the power to transform the future of consumer interactions. For those who want a glimpse into the future of digital marketing, this is one not to be missed.

Moderator: Michael Mirafflor, SVP, Medialink
Pras Michel, Founder, Blacture
Devrie Demarco, SVP, MediaLink
Zaki Fasihuddin, VP Digital and CEO, Volvo Ventures, Volvo
Mahesh Ramasubramanian, Co-founder & CEO, Loom.ai

4:15 – 5:00pm**The Future of Work With and Around Autonomous Systems**

AI: Enterprise Applications Conference

AI will revolutionize the way people work, like the personal computer and internet did 20 years ago. What does this mean for business and employees? Are there times where man and machines will be at odds? AI can provide the freedom to automate the monotonous parts of the job that employees do not like, allowing them to focus on the more interesting, strategic and human elements. However, businesses also run the risk of eliminating the need for the "unskilled" worker and decreasing the workload assigned to workers, which raises fears around unemployment and what these individuals will do. This session will highlight the opportunities of working with machines for businesses and employees, as well as what a change to the workforce could look like.

Moderator: Rob Theis, General Partner, World Innovation Lab
Abhijit Kakhandiki, SVP, Products & Engineering, Automation Anywhere
Bharat Kapoor, Principal & Founder, A.T. Kearney PERLab
Freerk-Malte Feller, Director, Workplace Ecosystem Partnerships, Facebook
Paul Ross, Head of Marketing, Kespry

4:15 – 5:00pm**5G and Smart City Networks**

5G Conference

One of the key applications of 5G is smart city use cases and deployments. Following the successful roll out of municipal broadband in cities and towns such as Chattanooga, the question remains, should cities run their own broadband and wireless networks to run smart services? Smart cities can mean different things to different people. Whether they are concerned about safety, public transportation, open government or other applications, 5G and other networks will have to be malleable enough to provide platforms for these very varied applications. Who will own the backbone of smart city networks?

Moderator: Chris Nicoll, Principal Analyst, Wireless & Mobility, ACG Research
Alastair MacLeod, CEO, Teralytics
Mary Clark, CMO, Synchronoss
Mike Zeto, GM & Executive Director, Smart Cities, AT&T
Mishka Dehghan, VP, 5G Development, Sprint
Sean Harrington, VP, City Solutions, Verizon



Day 3 Friday 14 September

09:00 – 10:30am**Keynote 5: Media & Entertainment Live***Moderator: Lisa Pommerening, Head of Industry Strategy for Media, Entertainment & Information Industries, WEF**Moderator: Michael Kassan, CEO, MediaLink**Moderator: Liz Dolan, Creator & Host, Entrepreneur**Richard Plepler, Chairman & CEO, HBO**Dominique Delport, President, Vice Media International**Dan Beckerman, President & CEO, AEG**David Hagan, Chairman & CEO, Boingo Wireless**Rick Fox, Actor & Former LA Laker, Entrepreneur***11:00am – 12:00pm****5G IoT & Enterprise**

IoT and 5G Conference

The end user will make or break the 5G business case. 5G is so broadly applicable, that there is a constant search for the golden bullet that will make 5G a must-have for IoT and cellular providers. This session will bring together key players from the technology ecosystem with end-users from a variety of sectors to discuss how 5G will improve or affect their processes, and the need for partnership between sectors.

*Moderator: Lory Thorpe, IoT, Enterprise Products and Solutions, Vodafone Group**Niklas Heuvelodp, President & CEO, Ericsson**Kevin Crull, Chief Strategy & Business Development Officer, Sprint**Lin Lin, Chief System Architect, Wireless, Jabir**Mike Marcellin, CMO, Juniper Networks***11:00am – 12:00pm****Autonomous Vehicles**

Connected Vehicle Conference

Autonomous driving is an inevitability, and innovation is coming from established car manufacturers, new start-ups and companies from across the ecosystem. The Autonomous Vehicles session will focus on the technology necessary to build an entirely autonomous driving experience, from connectivity to imaging, mapping, AI and more.

*Moderator: Omar Hoda, US Automotive Consulting Principal, Deloitte**Paul Asel, Managing Partner, Nokia Growth Partners**Patrick Little, SVP & GM Automotive, Qualcomm Technologies**Dr. Erik Antonsson, CEO, President & Co-Founder, aiPod**Brody Huval, Co-Founder, Drive.ai***11:00am – 12:00pm****AI and the Customer Experience**

AI: Consumer Applications Conference

Analysts predict that over 85% of customer interactions will take place without human interaction by 2020. While AI can improve many customer pain points, including search accuracy, response time, recommendations and customer service, there is still plenty of room for error. Will there be a day when machines run all customer interactions? Or will it be necessary to have a combined approach of man and machine?

*Moderator: Jeff Loucks, Executive Director, Deloitte's Center for Technology, Media & Telecommunications, Deloitte Services LP**Bejoy Pankajakshan, SVP & CSO, Mavenir**Manish Goyal, Director, Offering Management, Watson Data & AI, IBM**Omar Javaid, Chief Product Officer, Vonage**SC Moatti, Founder, Products that Count & Mighty Capital**Eyal Pfeifel, Co-Founder & CTO, imperson***12:15 – 1:00pm****4G to 5G Transition**

IoT and 5G Conference

There is little question that 5G will be deployed using existing networks as a backbone. However, important network technology such as virtualization, AI and machine learning will make future networks more flexible, adaptable and efficient. This panel will focus on the build-up to 5G and the important role that existing assets will play in not only its physical roll-out in the field, but in the development of the core technology that will go into it.

*Moderator: Sylwia Kechiche, Principal Analyst, IoT, GSMA Intelligence**Moderator: Philip Wilson, Managing Director, Deloitte**Derek Peterson, CTO, Boingo Wireless**Suzanne Hellwig, AVP of Global Alliances and Partnerships, AT&T**Roch Marchand, Director Charging and Policy, Bell**Marc Price, CTO for the Americas, Openet**Caroline Chan, VP, Network Platforms Group & GM, 5G Infrastructure Division, Intel**William Hurley, CMO, Syniverse**Senthil Sengodan, Head of North America Strategy, Nokia**Carlos Carazo, Global IoT Platforms, Technology Director, Telefonica*

**12:15 – 1:00pm****From Automotive Manufacturer to Smart Mobility Service Provider**

Connected Vehicle Conference

Over the past months, the term “cell phone on wheels” has been attributed to the new wave of connected vehicles. However, it is becoming clear that it is much more than that. The surge of new car companies challenging the incumbents, and the revolution in new in-vehicle technology has created a scenario in which automotive OEMs need to reconsider their structure, and become a digital company as well as a manufacturer. The session will focus on this transition, and the importance of collaboration between the cellular and automotive ecosystems to deliver the vehicle of the future.

Moderator: Omar Hoda, US Automotive Consulting Principal, Deloitte

*Moderator: Laurens Eckelboom, VP, Head of Business, SAP
Ken-ichi Murata, Project GM, ITS Connected Management Division, Connected Company, Toyota Motor Corporation
Mike Deitrick, SVP, Digital Strategy & Chief Digital Officer, DMI*

Jeff Travers, Head of IoT, Ericsson

Ozgur Tohumcu, CEO, Tantalum

Dan Cummings, VP Strategic Partnerships, ParkWhiz

12:15 – 1:15pm**Consumers and Natural Language Interfaces**

AI: Consumer Applications Conference

For the last decade touch was the primary user interface when engaging with technology. But with the explosion of the Internet of Things and AI, voice has become the new and more natural interface for consumers. Consumers expect that they can speak, be heard, be understood and given the desired outcome by many devices. Are companies, large and small, ready to deliver the desired customer experience through voice interactions?

Moderator: Jeff Loucks, Executive Director, Deloitte's Center for Technology, Media & Telecommunications, Deloitte Services LP

Xabi Uribe-Etxebarria, Founder & CEO, Sher.pa

Lauren Kunze, CEO, Pandorabots

Sriram Chakravarthy, Founder & CTO, Avaamo

Ellen Juhlin, Head of Product, Orion Labs

Hector Ouilhet, Head of Design, Google Search & Assistant, Google

1:15 – 2:00pm**5G Demos**

IoT and 5G Conference

Much of the discussion around 5G revolves around hypothetical case studies, diagrams and business cases. The objective of this session is to bring 5G to life with a series of demos on different use cases: from network slicing for different applications to the impact of 5G on the user experience. These demonstrations will show the breadth and scope of 5G and its importance as the next big leap in cellular technology.

Moderator: Sylwia Kechiche, Principal Analyst, IoT, GSMA

Brian Deutsch, CEO, Pivotal Commware

Keith Shank, Head, Events and Experiences, Ericsson

Erin Raney, Director, Network Technology Services & Innovation, T-Mobile

1:15 – 2:00pm**Safety and Security in Intelligent Vehicles**

Connected Vehicle Conference

Like all IoT applications, securing the vehicle is crucial to its successful deployment. The debate will focus on security infrastructure and strategies for connected vehicles, protecting from outside threats and data generated. Is security front of mind already in the early stages of autonomous and intelligent vehicle development?

Moderator: Omar Hoda, US Automotive Consulting Principal, Deloitte

Kaivan Karimi, SVP, Technology Solutions, BlackBerry

Sandip Ranjhan, SVP, Automotive Strategic Business Unit, Harman

Brian Demuth, CEO, GRIMM

Rusty Carter, VP, Product Management, Arxan

2:00 – 3:00pm**AI in Immersive Experiences: Gaming, AR and VR**

AI: Consumer Applications Conference

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Moderator: Jeff Loucks, Executive Director, Deloitte's Center for Technology, Media & Telecommunications, Deloitte Services LP

Raheel Khalid, Chief Engineer VR, Envrmt by Verizon

Anarghya Vardhana, Principal, Maveron

Mike Goslin, VP of Advanced Development, The Walt Disney Company

Jad Meouchy, CTO and Co-founder, BadVR

Jihun Yu, CEO, BinaryVR

