

SESSIONS

DAY 1 - 23/10/2018

Broadband World Forum

Conference & Expo: 23-25 October 2018

Messe
Berlin

A Market Review

09:00 - 09:15

Broadband Forum Executive Meeting - Forging the new Broadband network – Open Standards and Open Source - Limited Availability. Contact rheier@broadband-forum.org for more info

Participants

Michael Dargue - Principal, Cartesian

Network Slicing World Summit

09:00 - 13:00

Network Slicing World Summit

You can view the full Network Slicing World Summit Agenda here: <https://tmt.knect365.com/network-slicing/agenda/1>

Some of our expert Speakers can also be seen at the Broadband World Forum

9am-6pm

08.30 Registration

09:00 Knect365/Chair opening

Stephane Teral, IHS Markit

09.20 Keynote Fireside Chat: The Operator Challenge

Moderator: Stephane Teral, IHS Markit

Patrick Lopez, VP Networks Innovation, Telefonica

Moinul Islam, Senior Management - Big Data, AI, & ML, Bell Canada

9.50 Movement on Network Slicing Standards: 3GPP, GSMA, ETSI NFV

Frank Mademann, Chariman 3GPP SA2, 3GPP

Michele Zarri, Technical Director, GSMA

Joan Triay, Technical Director, ETSI ISG NFV

10.30 – Network & Tea break

11.10 NTT DOCOMO – 4G – 5G Slicing – The Technical Differences

Srisakul Thakolsri, Manager, DOCOMO Euro-Labs

11.30 Network Slicing for Transport Backbone Network

Kenji Kumaki, Chief Architect and Deputy General Manager of IP Network Department, KDDI

11.50 Slicing Packet Network Enabling 5G Services

Xilinx

12.10 Network Slicing in V2X

Alexandros Kaloxylas, Assistant Professor, University of the Peloponnese

12.30 TIP: Creating an Ecosystem for End to End Network Slicing

Representative of TIP

12.50 Fireside Chat: Security through Separation – How do we achieve this?

Alexandros Kaloxylas, Assistant Professor Dept. of Informatics and Telecommunications, University of the Peloponnese

Mimi Tam, Senior Member, IEEE

13.20 Close on Tech: Chair's Wrap up with Q&A

13.25-14.25 60 Minutes, 60 Slices (of Pizza... Lunch break)

14.25 Chair's Intro to the Business Case

14.30 Fireside Chat: The Vertical View – Are Operators providing what the Verticals expect and need?

Moderator: Simon Fletcher, CTO, Real Wireless

Mark Roddy, Senior Researcher, Cork Institute of Technology

15.00 "The Thin Edge of the Wedge" - Unpacking the Business Drivers for Network Slicing

Mika Skarp, Founder & CTO, Cloudstreet

15.20 Campus Networks enabled by Network Slicing

Nico Bayer, Senior Project Manager, Deutsche Telekom, Chairman of NEST, GSMA

15.40 5G Use Cases and Network Slicing

Kashif Mahmood, Senior Research Scientist, Telenor

16.00 - 40 Min Network & Tea break

16.40 Netting the Spectrum: Regulator Review of Spectrum & Net Neutrality Policy

Mansoor Hanif, CTO, Ofcom

17.00 PANEL: Commercializing the Run up – Is it worth investing 4G Network Slicing before 5G?

Moderator: Prof. Thomas Magedanz, Director NGNI Software-based Networks, Fraunhofer FOKUS

Nico Bayer, Senior Project Manager, Deutsche Telekom, Chairman of NEST, GSMA

Maria Cuevas, Head of Mobile Core Networks Research, BT

Shahryar Khan, Head of Automation & Systems, Transport Networks, GSO at Telia

Kashif Mahmood, Senior Research Scientist, Telenor

17.40 Analyst Perspective – What will we see in the next year?

Sue Rudd, Director Service Provider Analysis, Strategy Analytics

You can view the full Network Slicing World Summit Agenda here: <https://tmt.knect365.com/network-slicing/agenda/1>

Participants

Mansoor Hanif - CTO, Ofcom

Patrick Lopez - VP Networks innovation, Telefonica

Maria Cuevas - Head of the Research Core Networks and Services Team, BT

Moinul Islam - Senior Manager, Big Data and AI, Bell

Sue Rudd - Director, Strategy Analytics

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Alexandros Kaloylos - Assistant Professor, University of the Peloponnese

Joan Triay - Principal Network Architect, Standards & Design, NTT DOCOMO

Thomas Magedanz - Head of NGNI, Fraunhofer Fokus

An Operator Reality Check

09:15 - 09:35

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Participants

Mauro Tilocca - Access Network Automation Project Manager, TIM

Deploying virtualized functionality in today's network

09:35 - 09:50

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Participants

Geoff Burke - Chief Marketing Officer, Broadband Forum

Software Defined Access

09:50 - 10:50

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Cloud Central Office and Broadband Access Abstraction – Chris Croot, BT

Panel

Moderator – Lincoln Lavoie, UNH IOL

David Eckard, Nokia

Tom Anschutz, AT&T

Mauro Tilocca, TIM

Ning Zong, Huawei

Carsten Rossenhoevel, EANTC

Participants

Chris Croot - Head of Broadband Enterprise Architecture, BT

Lincoln Lavoie - Senior Engineer, Broadband Forum

David Eckard - Fixed Networks CTO, Nokia

Tom Anschutz - Distinguished Member of Technical Staff, AT&T

Mauro Tilocca - Access Network Automation Project Manager, TIM

Ning Zong - Standard Director, Huawei

Carsten Rossenhövel - Managing Director, EANTC AG

Refreshment Break

10:50 - 11:00

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Managing the Connected Home

11:00 - 12:00

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The User Services Platform, Jason Walls, QA Café

Carrier Class Wi-Fi, Wojtek Makowski, SoftAtHome

Panel

Moderators - Wojtek Makowski, SoftAtHome / Jason Walls, QA Café

Fahri Diner, Plume

John Blackford, ARRIS

Mirko Lindner, prpl Foundation

Andrea Crepaldi, Vodafone

Participants

Jason Walls - Director of Technical Marketing, QA Cafe

Wojtek Makowski - CTO, SoftAtHome

Fahri Diner - Co-Founder & CEO, Plume

John Blackford - Product Management Director, ARRIS

Mirko Lindner - Program Management, Fundraising, Community Management, prpl Foundation

Andrea Crepaldi - Fixed Access Senior Manager, Vodafone

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5G

12:00 - 12:50

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5G, what has fixed got to do with it? – Manuel Paul, DT / Dave Allan, Ericsson

Panel

Moderator – Geoff Burke, BBF

Tom Anschutz, AT&T

Greg Dalle, Juniper

Bruno Cornaglia, Vodafone

Dave Allan, Ericsson

Participants

Manuel Paul - Senior Expert International Standardization, Deutsche Telekom

David Allan - Distinguished Engineer, Ericsson

Geoff Burke - Chief Marketing Officer, Broadband Forum

Tom Anschutz - Distinguished Member of Technical Staff, AT&T

Gregory Dalle - Sr. Product Line Manager, Service Provider Transformation, Juniper Networks

Bruno Cornaglia - Fixed Access Manager, Vodafone

Wrap Up

12:50 - 13:00

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Lunch & Exhibition Visit

13:00 - 13:45

Welcome and Introduction from the Chairperson

13:45 - 13:55

Keynotes

Participants

Richard Jones - CSO, German Institute for Intelligent Cities and Regions

The role of 5G in the Gigabit society

13:55 - 14:15

Keynotes

5G is a significant step forward in technology that represents a new opportunity of delivering services and enhanced connectivity to our customers. Fixed wireless access and industrial applications will be contribution to Gigabit society that will be analysed in the keynote.

Participants

Cayetano Carbajo Martín - CTO, Telefónica Deutschland

Welcome and Introduction from the Chairperson

14:10 - 14:15

Broadband World News - Free Content

Participants

Silvia Presello - Senior Analyst#, IHS Markit

Simple AO : The Road of Access Office Re-Architecture

14:15 - 14:35

Keynotes

New services/scenarios are booming, the access office re-architecture is a trend. ZTE's opinions on the access office re-architecture:

1. The reasonable location of 5G DU deployment is in the access office, the existing FTTH infrastructure can be reused when FMC. WDM-PON is a good choice.

2. Light Cloud provides a better solution for high QoE sensitive services.

3. Access CDN helps decrease bottleneck of the uplink resources and optimize IPTV/OTT QoE.

4. High-integrated PNF and light cloud NFVI is the road for the convergence in the access office.

ZTE provides total solutions for the access office re-architecture.

Participants

Shi Wenjun - Marketing Director of FM Product Line, ZTE

Keynote: Technology and Automation: Overcoming Network Challenges of a small operator in Poland

14:15 - 14:35

Broadband World News - Free Content

Participants

Marcin Kuczera - CTO, Leon

Broadband Strategies: Beyond 2025

14:15 - 14:40

Gigabit Innovation - Free Content

- Why do we need progress in EU Broadband Policy? Are we ahead or behind the US or Asia?

- Is 5G really at our front door? EU Frequency Auctions roadmap?

- Gigabit Society in Europe?

- Natural Technology and Cultural Evolution or Secret Strategy to get everyone connected?

- Is education keeping pace with the changes?

Participants

Akos Bona - Member Board of Directors, Digital Champion of Hungary, Digital Future Foundation

Delivering Bandwidth to the Masses

14:35 - 14:55

Keynotes

- Strategies for network deployment in areas with reduced infrastructure

- City vs rural build

- How do you deliver enough bandwidth for everyone in an economically and timely manner?

- Fixed wireless, coax and bonding strategies

- Is fibre the key enabler for high-speed low-latency services in the gigabit society?

- Is there more to come from copper?

- Superfast, ultrafast – who needs what, where?

Participants

Kate McKenzie - CEO, Chorus

Panel: Increasing the network competitive fitness: Automation and AI for network

14:35 - 15:35

Broadband World News - Free Content

Participants

Moderator: Stef van Aarle - Senior Vice President Services, Fixed Networks, Nokia

Smart Energy: Powering Future Cities

14:40 - 15:05

Gigabit Innovation - Free Content

Participants

Liz Dawson - Policy and Public Affairs Manager, Smartenergy

A Revival of Network Innovation

14:55 - 15:15
Keynotes

In the telecom world, integration often goes hand in hand with progress. Just because you can integrate, doesn't necessarily mean you should. For integration to be successful, the innovation paths merging must be mature, stable, and moving at a complimentary pace. That was the case for home gateways over the last decade. No longer. In this presentation, Rahul Patel will offer his unique insights on how ISPs might better understand the rapidly-evolving home broadband market. Patel will discuss how best to identify signals of further change and offer guidance for how to make the best strategic technology choices to respond to their consumers' needs.

Participants

Rahul Patel - Senior Vice President and General Manager, Connectivity, Qualcomm

Demo: Internet Para Todos The Game – Can you Connect the Unconnected?

15:05 - 15:30
Gigabit Innovation - Free Content

Telefonica are engaged in a project, in partnership with the UN, to connect more than 500 million unconnected and underconnected people in South America. This comes with massive challenges, requires new infrastructure, new business models, and new mindsets. In this Demo Telefonica's VP of Innovation, Patrick Lopez, will give you a keen insight into the monumental task of connecting the unconnected, with a game developed specifically to model the project.

Question is, could you connect the unconnected?

Participants

Patrick Lopez - VP Networks innovation, Telefonica

Security 2020: Protecting the Gigabit Society

15:15 - 15:45
Keynotes

- - Ensuring your security strategy is aligned with technology and business strategy

- - Protect the network, protect the data, protect the end user

- - With so many more touch points, networks are increasingly hard to protect. How do you ensure all the holes are plugged?

Participants

Moderator: Ronan Kelly - President, FTTH Council

Mikko Hypponen - Chief Research Officer, F-Secure Corporation

Gil Rosen - Chief Marketing and Innovation Officer, Bezeq

Thomas Kallstenius - Program Director Security and Privacy, imec

Marcio Avillez - SVP of Business Development, Cujo AI

Torsten Juengling - Director, Europe, BT Security

Asher Besserglick - VP of R&D, SAM Seamless Network

Creating Buy in for Smart Cities

15:30 - 15:55
Gigabit Innovation - Free Content

Participants

Frans Vermast - Strategy Advisor and International Smart City Ambassador, Amsterdam Smart City

Open Source Automated: Deployment of Cloud-based Access Infrastructure and Services

15:35 - 15:55
Broadband World News - Free Content

Participants

Lincoln Lavoie - Senior Engineer, Broadband Forum

Networking Break and Exhibition Visit

15:45 - 16:30
Keynotes

Bringing WiFi Performance to the Next Level

15:55 - 16:15
Broadband World News - Free Content

Participants

Ramon Garcia - Business Development Manager, KDPOF

Drivers for Fibres: How Enterprise needs are Creating increased demand for Fibre

15:55 - 16:20
Gigabit Innovation - Free Content

- Enterprise needs, focused on quality

- Deploying Fibre deeper in the enterprise premises to meet the need

Participants

Thierry Valette - Director, Strategy & Operations, Orange

Towards a European Gigabit Society: The current EU broadband policy

16:15 - 16:35
Broadband World News - Free Content

Participants

Robert Henkel - Senior Policy Officer, DG Connect, European Commission

BBF: Carrier Class Wi-Fi - Why it Matters and How do we Achieve it?

16:20 - 16:45
Gigabit Innovation - Free Content

- Importance of whole-home Wi-Fi coverage for Internet Service Providers
- Going beyond traditional standardization with open-source
- Cross-industry collaboration organized by Broadband Forum and prpl Foundation

Participants

Wojtek Makowski - CTO, SoftAtHome

The Gigabit Society... How far have we come and how far do we have to go?

16:30 - 16:45
Keynotes

- An analysis of progress made towards the gigabit society across the globe
- Has the DSM vision accelerated progress in Europe compared to other geographies?
- There is no one size fits all approach to the gigabit society
- What are the barriers to progress? What is the end goal?

Participants

Jeong Hyeong Lee - Director, Global Business & Market Development, Korea Telecom

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Fireside Chat: Next Generation networks and VOD services

16:35 - 17:15

Broadband World News - Free Content

Participants

Carlos Tibi - CEO, icflix

Gabriele Ubertini - Head of Research and Engineering, Sky Italia

Broaden the Future of Broadband

16:45 - 17:05

Keynotes

Keynote from FiberHome

Participants

Massimiliano Salsi - Senior Technical Director, FiberHome

Who needs a Gigabit anyway? A look at Ultrafast Drivers

17:05 - 17:25

Keynotes

- What is driving demand for the Gigabit society?
- Is gigabit becoming easier to monetise?
- Technology vs. end user demand
- Translating customer demand into bandwidth demand.

Participants

Craig Fenton - Director, Strategy & Operations, Google

Gigabit Broadband and How It Will Change Entertainment, Education, and the Way We Work

17:25 - 17:45

Keynotes

Gigabit broadband service will come along with new technologies like VR/AR, Internet of Things, autonomous vehicles, and telepresence enabling completely new user experiences.

In this session, thought leaders from Intel will provide an early look at emerging usage models and how broadband networks, home networks and operator service offerings will evolve to enable them.

Participants

Alois Eder - Head of Product Marketing for Gateways, Intel

Keeping your options open – why flexibility matters in ultra-fast deployment

17:45 - 18:15

Keynotes

New report from French research company IDATE highlights how operators from around the world are taking a variety of approaches to delivering next-generation broadband and the advantages and challenges that these different approaches bring. Whilst popular opinion may hold that 'the world is going to fibre' the realities are somewhat different.

Participants

Moderator: Jean-Luc Lemmens - Head of Telecom & Media Division, IDATE

JB Rousselot - Chief Network & Operations Officer, nbn Australia

Ronan Kelly - CTO, EMEA & APAC Regions, ADTRAN

Els Baert - Director, Marketing & Communications, NetComm

Stefaan Vanhastel - Head of Marketing Fixed Networks & Cable, Nokia

SCHEDULE

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 Messe
 Berlin

TIME	BROADBAND FORUM EXECUTIVE MEETING - FORGING THE NEW BROADBAND NETWORK – OPEN STANDARDS AND OPEN SOURCE - LIMITED AVAILABILITY. CONTACT RHEIER@BROADBAND-FORUM.ORG FOR MORE INFO	BROADBAND WORLD NEWS - FREE CONTENT	GIGABIT INNOVATION - FREE CONTENT	KEYNOTES	NETWORK SLICING WORLD SUMMIT
09:00	09:00 - A Market Review 09:15 - An Operator Reality Check 09:35 - Deploying virtualized functionality in today's network 09:50 - Software Defined Access				09:00 - Network Slicing World Summit
10:00	10:50 - Refreshment Break				
11:00	11:00 - Managing the Connected Home				
12:00	12:00 - 5G 12:50 - Wrap Up				
13:00	13:00 - Lunch & Exhibition Visit	13:00 - Lunch & Exhibition Visit	13:00 - Lunch & Exhibition Visit	13:00 - Lunch & Exhibition Visit 13:45 - Welcome and Introduction from the Chairperson 13:55 - The role of 5G in the Gigabit society	13:00 - Lunch & Exhibition Visit

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14:00		<p>14:10 - Welcome and Introduction from the Chairperson</p> <p>14:15 - Keynote: Technology and Automation: Overcoming Network Challenges of a small operator in Poland</p> <p>14:35 - Panel: Increasing the network competitive fitness: Automation and AI for network</p>	<p>14:15 - Broadband Strategies: Beyond 2025</p> <p>14:40 - Smart Energy: Powering Future Cities</p>	<p>14:15 - Simple AO : The Road of Access Office Re-Architecture</p> <p>14:35 - Delivering Bandwidth to the Masses</p> <p>14:55 - A Revival of Network Innovation</p>	
15:00		<p>15:35 - Open Source Automated: Deployment of Cloud-based Access Infrastructure and Services</p> <p>15:55 - Bringing WiFi Performance to the Next Level</p>	<p>15:05 - Demo: Internet Para Todos The Game – Can you Connect the Unconnected?</p> <p>15:30 - Creating Buy in for Smart Cities</p> <p>15:55 - Drivers for Fibres: How Enterprise needs are Creating increased demand for Fibre</p>	<p>15:15 - Security 2020: Protecting the Gigabit Society</p> <p>15:45 - Networking Break and Exhibition Visit</p>	
16:00		<p>16:15 - Towards a European Gigabit Society: The current EU broadband policy</p> <p>16:35 - Fireside Chat: Next Generation networks and VOD services</p>	<p>16:20 - BBF: Carrier Class Wi-Fi - Why it Matters and How do we Achieve it?</p>	<p>16:30 - The Gigabit Society... How far have we come and how far do we have to go?</p> <p>16:45 - Broaden the Future of Broadband</p>	

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17:00				<p>17:05 - Who needs a Gigabit anyway? A look at Ultrafast Drivers</p> <p>17:25 - Gigabit Broadband and How It Will Change Entertainment, Education, and the Way We Work</p> <p>17:45 - Keeping your options open – why flexibility matters in ultra-fast deployment</p>	

SESSIONS

DAY 2 - 24/10/2018

Broadband World Forum

Conference & Expo: 23-25 October 2018

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Berlin

Welcome and Introduction from the Chairperson

09:00 - 09:10
Keynotes

Participants

Alessandro Gropelli - Director of Communications, ETNO - European Telecommunications Network Operators' Association

Keynote: Building a Fully Connected, Intelligent World

09:10 - 09:30
Keynotes

Keynote from Huawei

Participants

Gang Dong - Vice President, Western Europe, Huawei

Keynote: Accelerating the Pace of Innovation for the Telco Industry & the Importance of Collaboration

09:30 - 09:50
Keynotes

The exponential Internet traffic growth is still one of the main challenges for the Telco industry. In the past, Moore's Law has helped us to keep our production cost for the exponentially growing traffic under control. With Moore's Law flattening out, we see a strong trend in the industry towards the disaggregation of hardware and software.

From monolithic black-box solutions, we are moving towards a modular, best-in-class, flexible and open ecosystem, including an automated lifecycle management in true DevOps style.

None of the Telcos can do this on their own – the success of this industry depends on collaboration. The Linux Foundation Networking Fund, focused on Open Source Software, as well as the Telecom Infra Project (TIP) are good practice examples serving collaboration in the industry. What can we take away from it?

Participants

Axel Clauberg - Vice President, Infrastructure Cloud & IP End to End, Deutsche Telekom AG, Group Headquarters

Keynote: The Power of And: Open for Business

09:50 - 10:10
Keynotes

Keynote from Nokia

Participants

Federico Guillén - President, Fixed Networks Group, Nokia

Welcome and Introduction from the Chairperson'

10:00 - 10:05
Broadband World News - Free Content

Chair's Welcome

10:00 - 10:10
Gigabit Innovation - Free Content

Participants

Richard Jones - CSO, German Institute for Intelligent Cities and Regions

Panel: Wi-Fi Mesh home networks powered by G.hn backhaul technology: Standards to support carrier-grade deployment

10:05 - 11:05
Broadband World News - Free Content

Participants

Moderator: Livia Rosu - Chair of the Marketing Working Group, Home Grid Forum

Plume Keynote Announcement

10:10 - 10:20
Keynotes

Participants

Fahri Diner - Co-Founder & CEO, Plume

Perfecting the Pitch for a Smart Audience

10:10 - 10:30
Gigabit Innovation - Free Content

Participants

Nicolai Schättgen - CEO, Match-Maker Ventures

Keynote: One Network to Rule Them All

10:20 - 10:40
Keynotes

- Core requirements for converged networks
- Ensuring converged network capacity meets demand
- Considering the end user experience
- Looking at a converged strategy – how do the various networks have roles to play?
- Effectively combining the power of mobile & fixed networks

Participants

Howard Watson - CEO & CIO, BT Technology, Service & Operations & BT Group

Start-Up Opening Pitches

10:30 - 11:10
Gigabit Innovation - Free Content

Networking Break and Exhibition Visit

10:40 - 11:30
Keynotes

Networking Coffee Break

11:05 - 11:35
Broadband World News - Free Content

Networking & Exhibition Break

11:10 - 11:50
Gigabit Innovation - Free Content

Keynote: Toward 5G deployment in 2020

11:30 - 11:50
Keynotes

- Can NGPON networks deliver on 5G backhaul requirements?
- Will pure fixed line operators need to invest in mobile infrastructure to remain relevant?
- Is wireless the future of broadband?

Participants

Yoshihisa Kishiyama - Manager of 5G Laboratories, NTT DOCOMO

The story of Danny - Design and Implementation Process lessons learned from building a virtual assistant for the largest Telecom in Poland

11:35 - 12:15
Broadband World News - Free Content

Participants

Arek Flinik - CTO, Lekta AI

Maciej Bartosiewicz - Product Owner, PLAY

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Keynote: The 5 Pillars of Network Integrity

11:50 - 12:10
Keynotes

The broadband industry is facing into a new era.

Tasked with delivering on the needs of Gigabit societies, while fending off margin erosion from OTT competition, many operators are looking to the lessons learned by their web-scale competitors. Operators seeking to architect smarter, more intelligent and responsive access networks, have recognized they need to change. Seeking to break ties with their traditional, closed, element management based past, these operators plan to leverage virtualization, disaggregation, open SDN control along with open management and orchestration. With much of the potential in open SD-Access networks stemming from a mix of Open source contributions and the emergence of white box hardware offerings, how can operators best maintain their confidence in the integrity of their networks?

Participants

Ronan Kelly - CTO, EMEA & APAC Regions, ADTRAN

Launching Smart Cities - How can you enable Connectivity?

11:50 - 12:15
Gigabit Innovation - Free Content

Participants

Paul Anslow - Managing Director, Triangle Networks

Keynote Panel 5G – What's the Hype?

12:10 - 12:55
Keynotes

- The power of 4G – looking at the need for 5G
- Do we need to kill the hype around 5G?
- What is required from fixed networks to enable 5G?
- Is full fibre essential for 5G backhaul?
- Will copper enhancing technologies such as GFast and PON be able to deliver the 5G 'dream'?
- Unsilo'ing the vendor landscape and solutions
- Understanding what will drive users onto the network & looking for the killer 5G application

Participants

Leo Lundy - Group CTO, Imagine Communications

Peter Delling - SVP, Strategy, UnityMedia

Muhammad Sameh - Chief Business Officer, Telecom Egypt

Martin Wessel - Head of Technology Evolution, TELECOM ARGENTINA

Moderator: Adrian Scrase - CTO, ETSI

Paul Hjul - Director, Crystal Web

Mansoor Hanif - CTO, Ofcom

Panel: Find the right wireless for your fixed business

12:15 - 12:55
Broadband World News - Free Content

The Fixed Wireless Access (FWA) landscape is rapidly evolving with more and more options to choose from. We know that 4G networks are capable of delivering competitive residential broadband services and that 5G can ultimately bring Gigabit speeds to homes over the airwaves. There are also unlicensed solutions such as WiGig to consider. The fact is that each of these technologies has its advantages and will be attractive to different operators based on their needs. Come to this session to hear what industry experts have to say about where each of these technologies fit so that you can find the right wireless for your fixed business.

Participants

Moderator: Willem Verbiest - Head of Network Solutions, Nokia

Panelist: Rupert Wood - Research Director, Analyses Mason

Launching a Smart City: Milan Case Study

12:15 - 12:40
Gigabit Innovation - Free Content

- is based on reuse, optimize, put in synergy, retrofit, innovate
- innovates testing service and business models, processes, tech solutions
- tests smart solutions in the fields of moving, living, monitoring

Participants

Roberto Nocerino - Sharing Cities Project Manager, Milan Municipality

Pre-food Thoughts

12:40 - 13:00
Gigabit Innovation - Free Content

Lunch & Exhibition Visit

12:55 - 13:55
Keynotes

Lunch & Exhibition Visit

12:55 - 14:00
Broadband World News - Free Content

Lunch & Exhibition Visit

13:00 - 13:50
Gigabit Innovation - Free Content

Welcome and Introduction from the Chairperson

14:00 - 14:05
Next Generation Networks

Welcome and Introduction from the Chairperson

14:00 - 14:10
Virtualization & Automation

Participants

Alexandros Kaloxylis - Assistant Professor, University of the Peloponnese

Welcome and Introduction from the Chairperson

14:00 - 14:05
Connected Home

Welcome and Introduction from the Chairperson

14:00 - 14:10
Open Telco

Participants

Aseem Parikh - VP, Solutions & Partnerships, ONF

Keynote: How to deliver One gig all homes in under two years to 95.000 homes passed

14:00 - 14:20
Broadband World News - Free Content

Participants

S: Erling Gudmundsson - CEO, Gagnaveita Reykjavik

Pitch Your City!

14:00 - 14:50

Gigabit Innovation - Free Content

To complement our Start-Up Pitch competition, this year we are running a Smart City Pitch Off, where City's can showoff their Smart credentials, and prove why they are great places for further investment.

Presentations will be 7 minutes in length, with 3 minutes for questions from the audience. They should highlight:

- Your city's 'smart strategy'
- Opportunities to get involved for start-ups and scale-ups
- What smart innovation matters most to you
- Why your city is unique and ripe for further developments!

Participants

Frans Vermast - Strategy Advisor and International Smart City Ambassador, Amsterdam Smart City

Natalia Reen - Project Leader, Forum Virium (IoT Platform), City of Helsinki

Roberto Nocerino - Sharing Cities Project Manager, Milan Municipality

Delivering Premium Broadband to Everywhere

14:05 - 14:25

Next Generation Networks

- Reshaping Users' Experience: superior quality and wider coverage to achieve premium broadband;
- Synergy and efficiency: ways to build value-oriented network and provide experience-driven operations;
- Huawei solutions for delivering ubiquitous premium broadband and best practices.

Participants

Hui Cao - CTO of Network Solutions, Western Europe, Huawei

Connected Home Security – the opportunity for service providers

14:05 - 14:25

Connected Home

We all know that smart homes are vulnerable to online threats. But do you know how consumers feel about it? We believe that you as an operator now have the opportunity to become the trusted provider and an integral part of your customers' everyday connected life, both at home and on the move.

This speech is targeted at consumer business owners at operators and home WiFi vendors.

Participants

Paul Palmer - Director, Business Development, Consumer Business Unit, F-Secure

SDN: the Lessons Learned in the Last 10 Years

14:10 - 14:30

Virtualization & Automation

– SDN was invented by Martin Casado for enterprise management (i.e. for management plane), but for many years, it was mis-used for control plane;

– SDN should be self-driving network instead of software defined network. Automation is the purpose. Software defined or not is just a mechanism, and is not important;

– Huawei IDN is a practical way for network and operations automation.

Participants

Xipeng Xiao - CTO Office, Huawei West Europe

Accelerating the deployment of SDN-enabled broadband access (SEBA) systems

14:10 - 14:30

Open Telco

The Open Networking Foundation (ONF) has created new Reference Design (RD) blueprints to assemble common modular components to create open source platforms that will enable specific deployment use cases for the emerging edge cloud. Each RD is backed by an operator group that intends to roll out production deployments. In the ONF's 2018 Strategic Plan, operators outlined a course of action to accelerate deployment of open networking. While many of the components of these reference designs, like Software Enabled Broadband Access (SEBA), consist of white-box hardware and open-source software, there are also single sourced software assets that are required to make these reference designs deployment ready today. We are now at a critical stage where operators are ready to take these projects out of the lab environment and move them into production networks. As an early investor in software defined access (SD-Access) architectures and CORD-based systems, as well as an ONF supply chain partner, ADTRAN will share the current deployment readiness and operational challenges of deploying commercial networks based on SEBA R-CORD.

Participants

Robert Conger - CTO, Americas and Head of Portfolio Strategy, Adtran

Radio-over-fiber: A Solution for the exploding fronthaul requirement of mmWAVE and mMIMO

14:20 - 14:40

Broadband World News - Free Content

Participants

Michael Peeters - Program Director Connectivity, imec

Keynote: Re-Defining the competitive broadband landscape

14:25 - 14:40

Next Generation Networks

Participants

Speaker: Paul Doany - CEO, Turk Telekom

Smart Wifi enables intelligent life

14:25 - 14:45

Connected Home

- More devices & services require better home WIFI network;
- WIFI as a service enriches service packet;
- Device-pipe-cloud enables premium WIFI experience.

Participants

Xinqiang Huang - Director of Access Network Market Management, Huawei

Panel: Cross Organizational Virtualized Networks

14:30 - 15:10

Virtualization & Automation

- FANS – who is employing this concept? Successful stories
- Multiple network providers in an end to end network
- Role of network slicing
- Potential to facilitate new joint-venture and co-investment partnership for FTTH & mobile networks
- Who has responsibility for which aspects of the network?

Participants

Michel Tong - CTO Office, Huawei

Moderator: Sue Rudd - Director, Strategy Analytics

Joan Triay - Principal Network Architect, Standards & Design, NTT DOCOMO

Maria Cuevas - Head of the Research Core Networks and Services Team, BT

David Hughes - Vice President, Engineering, PCCW

The new Broadband network - powered by Open Standards and Open Source

14:30 - 14:50

Open Telco

Participants

Robin Mersh - CEO, Broadband Forum

Panel: Next Generation PON: The need for Low Cost, Reliable and Tuneable Optics

14:40 - 15:10

Next Generation Networks

- Exploring current and future PON technologies: XG/XGS-PON, NG-PON, 10G-EPON

- Considerations when laying out strategies for Next gen PON migration, How do we do this in the most cost effective way?

- Protecting past investments through maximisation of life cycle of existing infrastructures and equipment: Understanding the transition point from copper to fibre

- Drivers for increased bandwidth: Home vs. Business

Participants

Moderator: Livia Rosu - Chair of the Marketing Working Group, Home Grid Forum

Panelist: Bob Sinclair - Senior Strategist, Telus

Panelist: Trevor Linney - Director, Openreach Research, BT

Panelist: Yupeng Xiong - Vice President, Access Network Product Line, Huawei

Panelist: Vincent O'Byrne - Director, Technology, Verizon

Panel: Why are software-defined access networks important for telcos?

14:40 - 15:40

Broadband World News - Free Content

Communication Service Providers have heavily invested in their fixed access network and continue to do so. Throughout the network lifecycle many changes happen that influence the quality and performance of the network. How do you know if your network is still delivering according to initially set goals? Running efficient networks typically means increasing both operational performance for customers and financial performance for shareholders. But how to go about this? Where do you start?

This session introduces a universal network metric for defining the health of the fixed access network and the need for network optimization programs that streamline network operations, reducing costs and increase customer satisfaction.

Participants

Moderator: David Eckard - Fixed Networks CTO, Nokia

Panelist: Benoit Felten - CEO, Diffraction Analyses

Panelist: Bruno Cornaglia - Fixed Access Manager, Vodafone

Panel: Delivering the Next Generation Smart Home

14:45 - 15:25

Connected Home

- Achieving faster broadband speeds as redundant without addressing rudimentary tools available to service providers

- Improving latency issues and achieving seamless connectivity throughout the home

- How best to enable multiple access points in the home

- Importance of interoperability of devices: Cooperation across vendor cooperation and industry as a whole

- The problem of multiple controls: Eradicating isolated devices and manifold touch points.

Participants

Moderator: Jon Watts - Managing Partner, MTM

Panelist: Nicolas Fortineau - Director in-home Connectivity Products, Liberty Global

Panelist: Matthew Evans - CEO, Broadband Stakeholder Group

Panelist: Patrick Ribardiere - Senior Director of Product Line Management for the Connectivity Business Unit, Qualcomm

Panelist: Jiri Laznicka - CTIO IoT, Orange

Panelist: Rakesh Kumar - CTO Wireline Networks, Airtel

SESSIONS

DAY 2 - 24/10/2018

Broadband World Forum

Conference & Expo: 23-25 October 2018

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PANEL hosted by Radisys: Open Frameworks: The Future of Next-gen Networks or Just an Interesting Science Project?

14:50 - 15:30

Open Telco

As service providers seek to transform their networks to keep pace with bandwidth demands, open frameworks have come to the forefront of options for network disruption. Leveraging open components can help break vendor lock-in, accelerate innovation, and reduce costs.

Open source projects are also attractive because they can be formed very quickly. All that is needed is an idea, and then for a few companies to come together to begin trying that idea out. However, this has also led to a plethora of open organizations and frameworks either overlapping in scope or leaving significant gaps in implementation.

Service providers are currently trialing open frameworks such as CORD today in the lab. But will these open source, multi-vendor solutions make it to commercial deployment or will traditional monolithic vendors prevail?

This panel session will feature a combination of service providers and vendors with their own viewpoint on the role of open source frameworks in driving network disruption – and if open frameworks will “win” out. Attendees will:

- Understand the different open frameworks currently in the market (CORD, SEBA, Open Broadband, Open Daylight, TIP, ONAP, etc.) – and discover how they relate and how they differ
- Learn about the challenges associated with deploying open source solutions
- Gain insight into which service providers are taking the open source plunge, which frameworks they’re using, and the key outcomes achieved in lab trials to date
- Decide if open frameworks are the future of next generation networks

Participants

Moderator: Natasha Tamaskar - Vice President Global Marketing & Sales Strategy, Radisys

Manuel Paul - Senior Expert International Standardization, Deutsche Telekom

Saurav Das - Engineering Director, ONF

Rishi Raj Maulick - Product Line Manager - MobilityEngine., Radisys

Cities & Start-ups: How can we assure complementary growth?

14:50 - 15:30

Gigabit Innovation - Free Content

Participants

Natalia Reen - Project Leader, Forum Virium (IoT Platform), City of Helsinki

Paul Anslow - Managing Director, Triangle Networks

Eman Martin-Vignerte - Director, Bosch

Moderator: Nicolai Schättgen - CEO, Match-Maker Ventures

Evolving Architecture for 5G and Next Gen Access Delivery

15:10 - 15:30

Next Generation Networks

Fiberhome session

Building Networks for the Future

15:10 - 15:30

Virtualization & Automation

- Enabling Network as a Service (NaaS) for dynamic build and agile delivery
- Maximizing Fixed Wireless opportunities and driving the roadmap for 5G
- Providing World Class Wi-Fi
- Learnings from the mass roll out of Hybrid Gateway
- Transforming our service management to enable self-serve and self-optimisation
- Building and launching the Telstra Finding Network

Participants

Crispin Blackall - Director Consumer & Mobility Engineering, Telstra

Redefining Connectivity

15:25 - 15:45

Connected Home

Participants

Speaker: Anthony Zuyderhoff - SVP & GM International CPE, ARRIS

Leveraging the power of the cloud and open source for the smart home

15:30 - 15:50

Next Generation Networks

Participants

Fahri Diner - Co-Founder & CEO, Plume

Gavin Sheldon - VP Connectivity, Liberty Global

Ralf Elias - VP IoT Europe, Samsung

New Ways to Accelerate The Ultra-Broadband Era

15:30 - 15:50

Virtualization & Automation

Intent-based network is the key way to achieve network adaptability

End-to-end system architecture of intent-based network

IBN usecase in ultra-broadband era: automatic network slicing

Participants

Hu Junjie - Chief Global Marketing Officer of Bearer Network, ZTE

Open Networking Foundation (ONF) SEBA Workshop: ONF - Transforming Broadband Access using Open Networking

15:30 - 15:50

Open Telco

Participants

Aseem Parikh - VP, Solutions & Partnerships, ONF

Network & Exhibition Break

15:30 - 16:10

Gigabit Innovation - Free Content

Giga Premium: 2.5Gbps Residential Broadband Service

15:40 - 16:00

Broadband World News - Free Content

Participants

Hongseok Shin - Senior Manager of Network R&D Center, SK Telecom

Challenges in the Smart Home

15:45 - 16:05

Connected Home

The speech is targeted at business owners and system architects who are seeking the right approach for a smart home offering and trying to avoid the main pitfalls you may run into. It addresses the search for “the standard” to use, the question where the service resides and what to consider ensuring security of the offering. Even when most of the topics are not concluded with a simple answer, there are many hints and practical tips from the speaker.

Participants

Speaker: Kai Steuernagel - Head of QIVICON/Smart Home Technology Strategy, Deutsche Telekom

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Open Platform for The Next Generation Broadband

15:50 - 16:05
Next Generation Networks

Participants

Michael Xin - VP of Sales and Marketing, CIG

Laying the Foundation of Virtualization: spreading Data Centers across the Network

15:50 - 16:10
Virtualization & Automation

- what do we want to achieve?: Low latency, resilience, efficiency

- implementation strategy: from few to tens of DC, located on network nodes, main impacts on existing premises

- and what about Mobile Edge Computing? Main drivers to go spread further

Participants

Christian Gacon - Vice President, Wireline Networks and Infrastructure, Orange

Open Networking Foundation (ONF) SEBA Workshop: Overview of ONF's SEBA, VOLTHA & R-CORD - open source exemplar platform

15:50 - 16:30
Open Telco

Participants

Saurav Das - Engineering Director, ONF

Networking Coffee Break

16:00 - 16:30
Broadband World News - Free Content

Networking Break & Exhibition Visit

16:05 - 16:35
Next Generation Networks

Networking Break & Exhibition Visit

16:05 - 16:35
Connected Home

Networking Break & Exhibition Visit

16:10 - 16:40
Virtualization & Automation

Start-Up Pitch Competition: The Final Pitch

16:10 - 17:10
Gigabit Innovation - Free Content

Open Networking Foundation (ONF) SEBA Workshop: Software Defined Broadband Access (SEBA) at AT&T

16:30 - 17:00
Open Telco

Participants

Tom Anschutz - Distinguished Member of Technical Staff, AT&T

Customer and operator-centric development of latest technologies

16:30 - 16:50
Broadband World News - Free Content

Participants

Katja Henke - Senior Innovation Project Manager, Deutsche Telekom

Engine of Network Transformation - Flexible Network Slicing

16:35 - 16:55
Next Generation Networks

Transport network slicing is fundamental for operators in 5G era

The key technologies in transport network slicing

The best way to implement transport network slicing

Participants

Zhu Xuan - Solution Director, BN Product MKT & Solution Team, ZTE

Home Wi-Fi: The Integral Building Block

16:35 - 16:55
Connected Home

Participants

Gerd Thiedemann - Director Product Management, AVM

Automate for Progress and Scale

16:40 - 17:00
Virtualization & Automation

- Is automation essential for scaling operations in virtualised networks?
- intelligent automation
- Moving towards simplicity and end to end automation
- What are the challenges of intelligent automation at scale?
- Automation an essential enabler of new technologies eg IoT, Cloud, AI
- What are the key ingredients which make up an autonomous network?
- Cross carrier automation

Participants

Marius Corici - Deputy-Head of Software-based Networks Division,, Fraunhofer FOKUS Institute

From 3G to 5G

16:50 - 17:10
Broadband World News - Free Content

- 5G Vision
 - Background: Motivation for DECT-5G(open,engage, evolve)
 - Evolution 3G to 5G
 - DECT-5G: Complementing IMT technologies
 - Goals for DECT
-

Participants

Daniel Hartnett - Business Development Director, DECT Forum

Last chapter of full Fibre: Copper Sunset

16:55 - 17:15
Next Generation Networks

Participants

Speaker: Barna Kutvolgyi - Managing Director, JT Group

Empowering Operators to take the lead in the Connected Home Market

16:55 - 17:15
Connected Home

Seliro, experts in software and management solutions for the broadband industry, shares their beliefs around how Operators can, and should, play a critical role for the future Connected Home market. Currently, the retail market plays a big role in the evolving Connected Home market, including IoT and Wi-Fi Mesh solutions. Still, there is a long way to go before these solutions become standard parts of every person's home. In part, this is due to lack of strong unifying players, with a sense of responsibility and care for the end-customer. Seliro is convinced that Telecom Operators, leveraging clever software solutions, possess fantastic potential to step up and take the lead in this area. In doing so, they will not only help end-users' transition into this new era but will in the process advance their own strategic and commercial position.

Participants

Speaker: Jonny Wetterborn - CEO, Seliro

Speaker: Mats Vindefjord - Director of Business Development, Seliro

Zero Touch – The Next Step in Automation

17:00 - 17:20
Virtualization & Automation

- Automation without human intervention
- Automated configuration of network slices
- Potential impact on workforce and changing operations landscape
- What changes this could present for customer service and billing

Open Networking Foundation (ONF) SEBA Workshop: Implementing vBNG on White-boxes

17:00 - 17:30
Open Telco

Participants

Hans-Joerg Kolbe - Chief Engineer Access Innovation, Deutsche Telekom

Smarter Living: Engaging consumers with smart technology

17:10 - 17:30
Broadband World News - Free Content

Participants

Liz Dawson - Policy and Public Affairs Manager, Smartenergy

Panel: Exploring the Fixed-Wireless Future: Present and Future Concerns

17:15 - 17:55
Next Generation Networks

- Is Fixed wireless access a new standard for broadband or just another too?
- Developing a converged network: Discussing the difference between what the consumer needs or thinks they must have
- What have been the effect of 5G and next generation technology upon fixed wireless access? What will be the future considerations be as we usher in the gigabit age?
- The benefits of FWA upon both consumer and operator: Where do, the interests deviate? And how can this be effectively bridged?
- What will the re-emergence of FWA mean for the industry?

Participants

Moderator: Rukshan Mehra - Associate Director, MTM

Panelist: Richard Mooney - VP Strategy, Liberty Global

Panelist: Patrick Lopez - VP Networks innovation, Telefonica

Panelist: James Heath - Head of Telecoms Policy, DCMS

Panelist: Erzsébet Fitori - Director General, FTTH Council

Panelist: Nazirali Rajvani - Head of Network Solution, BT & EE

Avoiding the bottleneck: Combining Powerline and WiFi enables gigabit speeds throughout the home

17:15 - 17:35
Connected Home

Participants

Sebastian Richter - Director Product Creation, devolo AG

PANEL: Intelligent Networks – AI to Boost Automation, Performance & Profits

17:20 - 18:00
Virtualization & Automation

- Predictive Analytics & Automation
- analytics for predictive maintenance
- removing data silos to create an integrated analytics solution
- AI & Analytics to Boost Profitability
- what can be learnt from how other industries are employing AI?

Participants

Mustafa Ergen - Chief Technology Advisor, Board in Network2020/5GPPP, Turk Telecom

Moderator: Sue Rudd - Director, Strategy Analytics

Moinul Islam - Senior Manager, Big Data and AI, Bell

Open Networking Foundation (ONF) SEBA Workshop: Adapting SEBA for Diverse Access Technologies

17:30 - 18:00
Open Telco

Participants

Shaun Missett - Principal Architect, Radisys

Why analytics is key in UX?

17:35 - 17:55
Connected Home

Participants

David Viret-Lange - CEO, SoftAtHome

Open Networking Foundation (ONF) SEBA Workshop: Orchestrating SEBA pods with ONAP

18:00 - 18:30
Open Telco

Participants

Bora Eliacik - VP, Engineering, Turk Telecom

SCHEDULE

DAY 2 - 24/10/2018

Broadband World Forum

Conference & Expo: 23-25 October 2018

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TIME	BROADBAND WORLD NEWS - FREE CONTENT	CONNECTED HOME	GIGABIT INNOVATION - FREE CONTENT	KEYNOTES	NEXT GENERATION NETWORKS	OPEN TELCO	VIRTUALIZATION & AUTOMATION
09:00				<p>09:00 - Welcome and Introduction from the Chairperson</p> <p>09:10 - Keynote: Building a Fully Connected, Intelligent World</p> <p>09:30 - Keynote: Accelerating the Pace of Innovation for the Telco Industry & the Importance of Collaboration</p> <p>09:50 - Keynote: The Power of And: Open for Business</p>			
10:00	<p>10:00 - Welcome and Introduction from the Chairperson'</p> <p>10:05 - Panel: Wi-Fi Mesh home networks powered by G.hn backhaul technology: Standards to support carrier-grade deployment</p>		<p>10:00 - Chair's Welcome</p> <p>10:10 - Perfecting the Pitch for a Smart Audience</p> <p>10:30 - Start-Up Opening Pitches</p>	<p>10:10 - Plume Keynote Announcement</p> <p>10:20 - Keynote: One Network to Rule Them All</p> <p>10:40 - Networking Break and Exhibition Visit</p>			

SCHEDULE

DAY 2 - 24/10/2018

Broadband World Forum

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TIME	BROADBAND WORLD NEWS - FREE CONTENT	CONNECTED HOME	GIGABIT INNOVATION - FREE CONTENT	KEYNOTES	NEXT GENERATION NETWORKS	OPEN TELCO	VIRTUALIZATION & AUTOMATION
11:00	<p>11:05 - Networking Coffee Break</p> <p>11:35 - The story of Danny - Design and Implementation Process lessons learned from building a virtual assistant for the largest Telecom in Poland</p>		<p>11:10 - Networking & Exhibition Break</p> <p>11:50 - Launching Smart Cities - How can you enable Connectivity?</p>	<p>11:30 - Keynote: Toward 5G deployment in 2020</p> <p>11:50 - Keynote: The 5 Pillars of Network Integrity</p>			
12:00	<p>12:15 - Panel: Find the right wireless for your fixed business</p> <p>12:55 - Lunch & Exhibition Visit</p>		<p>12:15 - Launching a Smart City: Milan Case Study</p> <p>12:40 - Pre-food Thoughts</p>	<p>12:10 - Keynote Panel 5G – What's the Hype?</p> <p>12:55 - Lunch & Exhibition Visit</p>			
13:00			<p>13:00 - Lunch & Exhibition Visit</p>				

SCHEDULE

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TIME	BROADBAND WORLD NEWS - FREE CONTENT	CONNECTED HOME	GIGABIT INNOVATION - FREE CONTENT	KEYNOTES	NEXT GENERATION NETWORKS	OPEN TELCO	VIRTUALIZATION & AUTOMATION
14:00	<p>14:00 - Keynote: How to deliver One gig all homes in under two years to 95.000 homes passed</p> <p>14:20 - Radio-over-fiber: A Solution for the exploding fronthaul requirement of mmWAVE and mMIMO</p> <p>14:40 - Panel: Why are software-defined access networks important for telcos?</p>	<p>14:00 - Welcome and Introduction from the Chairperson</p> <p>14:05 - Connected Home Security – the opportunity for service providers</p> <p>14:25 - Smart Wifi enables intelligent life</p> <p>14:45 - Panel: Delivering the Next Generation Smart Home</p>	<p>14:00 - Pitch Your City!</p> <p>14:50 - Cities & Start-ups: How can we assure complementary growth?</p>		<p>14:00 - Welcome and Introduction from the Chairperson</p> <p>14:05 - Delivering Premium Broadband to Everywhere</p> <p>14:25 - Keynote: Redefining the competitive broadband landscape</p> <p>14:40 - Panel: Next Generation PON: The need for Low Cost, Reliable and Tuneable Optics</p>	<p>14:00 - Welcome and Introduction from the Chairperson</p> <p>14:10 - Accelerating the deployment of SDN-enabled broadband access (SEBA) systems</p> <p>14:30 - The new Broadband network - powered by Open Standards and Open Source</p> <p>14:50 - PANEL hosted by Radisys: Open Frameworks: The Future of Next-gen Networks or Just an Interesting Science Project?</p>	<p>14:00 - Welcome and Introduction from the Chairperson</p> <p>14:10 - SDN: the Lessons Learned in the Last 10 Years</p> <p>14:30 - Panel: Cross Organizational Virtualized Networks</p>
15:00	<p>15:40 - Giga Premium: 2.5Gbps Residential Broadband Service</p>	<p>15:25 - Redefining Connectivity</p> <p>15:45 - Challenges in the Smart Home</p>	<p>15:30 - Network & Exhibition Break</p>		<p>15:10 - Evolving Architecture for 5G and Next Gen Access Delivery</p> <p>15:30 - Leveraging the power of the cloud and open source for the smart home</p> <p>15:50 - Open Platform for The Next Generation Broadband</p>	<p>15:30 - Open Networking Foundation (ONF) SEBA Workshop: ONF - Transforming Broadband Access using Open Networking</p> <p>15:50 - Open Networking Foundation (ONF) SEBA Workshop: Overview of ONF's SEBA, VOLTHA & RECORD - open source exemplar platform</p>	<p>15:10 - Building Networks for the Future</p> <p>15:30 - New Ways to Accelerate The Ultra-Broadband Era</p> <p>15:50 - Laying the Foundation of Virtualization: spreading Data Centers across the Network</p>

SCHEDULE

DAY 2 - 24/10/2018

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TIME	BROADBAND WORLD NEWS - FREE CONTENT	CONNECTED HOME	GIGABIT INNOVATION - FREE CONTENT	KEYNOTES	NEXT GENERATION NETWORKS	OPEN TELCO	VIRTUALIZATION & AUTOMATION
16:00	<p>16:00 - Networking Coffee Break</p> <p>16:30 - Customer and operator-centric development of latest technologies</p> <p>16:50 - From 3G to 5G</p>	<p>16:05 - Networking Break & Exhibition Visit</p> <p>16:35 - Home Wi-Fi: The Integral Building Block</p> <p>16:55 - Empowering Operators to take the lead in the Connected Home Market</p>	<p>16:10 - Start-Up Pitch Competition: The Final Pitch</p>		<p>16:05 - Networking Break & Exhibition Visit</p> <p>16:35 - Engine of Network Transformation - Flexible Network Slicing</p> <p>16:55 - Last chapter of full Fibre: Copper Sunset</p>	<p>16:30 - Open Networking Foundation (ONF) SEBA Workshop: Software Defined Broadband Access (SEBA) at AT&T</p>	<p>16:10 - Networking Break & Exhibition Visit</p> <p>16:40 - Automate for Progress and Scale</p>
17:00	<p>17:10 - Smarter Living: Engaging consumers with smart technology</p>	<p>17:15 - Avoiding the bottleneck: Combining Powerline and WiFi enables gigabit speeds throughout the home</p> <p>17:35 - Why analytics is key in UX?</p>			<p>17:15 - Panel: Exploring the Fixed-Wireless Future: Present and Future Concerns</p>	<p>17:00 - Open Networking Foundation (ONF) SEBA Workshop: Implementing vBNG on White-boxes</p> <p>17:30 - Open Networking Foundation (ONF) SEBA Workshop: Adapting SEBA for Diverse Access Technologies</p>	<p>17:00 - Zero Touch – The Next Step in Automation</p> <p>17:20 - PANEL: Intelligent Networks – AI to Boost Automation, Performance & Profits</p>
18:00						<p>18:00 - Open Networking Foundation (ONF) SEBA Workshop: Orchestrating SEBA pods with ONAP</p>	

SESSIONS

DAY 3 - 25/10/2018

Broadband World Forum

Conference & Expo: 23-25 October 2018

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Welcome and Introduction from the Chairperson

09:00 - 09:10
Keynotes

Participants

Roland Montagne - Principal Analyst, Director Market Development, iDATE

Home Broadband Enables Business Success

09:10 - 09:30
Keynotes

Participants

Zhou Jianjun - Vice President of Carrier BG, Huawei

Infrastructure Synergy to Improve Network Deployment

09:30 - 09:50
Keynotes

- How does infrastructure synergy improve network deployment, especially on time-saving and cost-saving?
- The development of fixed broadband market in Ireland, especially FTTP. And the key driving factors SIRO's strategy for the next 3-5 years

Participants

Sean Atkinson - CEO, Siro

Optimising Connected Lives

09:50 - 10:10
Keynotes

With FTTH deployments expanding, more and more homes and buildings are being passed with fibre. However, bridging the final gap between fibre running in the street and the home, has proven to be challenging in terms of cost and time. New operationally optimized innovations using the latest copper and cellular wireless technologies, allow for a faster, more cost-effective roll-out of high-speed broadband services for all

Participants

Els Baert - Director, Marketing & Communications, NetComm

Welcome and Introduction from the Chairperson

10:00 - 10:05
Broadband World News - Free Content

Participants

Shahin Arefzadeh - CTO, Ziotis

Chair's Welcome

10:00 - 10:10
Gigabit Innovation - Free Content

Blockchain Keynote: Unravelling new business opportunities through disruptive Blockchain

10:05 - 10:25
Broadband World News - Free Content

Participants

Speaker: Shahin Arefzadeh - CTO, Ziotis

Solving the Gateway Security Challenge - Profitably

10:10 - 10:30
Keynotes

Participants

Jeremie Guedj - Director, Business Development, SAM Seamless Network

Smart Sustainability - Sharing Educational Data - for better quality of life - Gdynia case study

10:10 - 10:30
Gigabit Innovation - Free Content

Participants

Bartosz Bartoszewicz - Deputy Mayor of Gdynia, City of Gdynia

IoT Connectivity: Blockchain and error free peer-to-peer connectivity

10:25 - 10:40
Broadband World News - Free Content

Participants

Jonathan Vieu-Robson - Blockchain Researcher, weeve

Networking Break and Exhibition Visit

10:30 - 11:25
Keynotes

Panel: Sharing Data for Better Urban Planning

10:30 - 11:10
Gigabit Innovation - Free Content

Participants

Daniel Sarasa Funes - Urban Innovation Planner, Zaragoza City Council

NG-PON

10:40 - 11:00
Broadband World News - Free Content

Participants

Eric Van Uden - Country Manager, AVM

Networking Break & Exhibition Visit

11:00 - 11:30
Broadband World News - Free Content

Networking & Exhibition Break

11:10 - 12:00
Gigabit Innovation - Free Content

Link Business Strategy to Technology Strategy

11:25 - 11:40
Keynotes

- Applying an integrated approach to help inform priorities of technology development and way of investment
- Analytics to understand ROI of technology investments
- Strategic decision making in a converged climate
- Routes for navigating turbulent competitive times

Participants

Jorge Bonifacio - Director of Network and Services Strategy, Portugal Telecom

Panel: The User Services Platform: A necessary successor to TR-069

11:30 - 12:30
Broadband World News - Free Content

Participants

Panelist: John Blackford - Product Management Director, ARRIS

Panelist: Jason Walls - Director of Technical Marketing, QA Cafe

Panelist: Tim Spets - Sr IoT Systems and Standards Architect, Greenwave Reality

SESSIONS

DAY 3 - 25/10/2018

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Halfway there: How 4 million Australians are now using the NBN network

11:40 - 11:55

Keynotes

With more than 10 million Australians now connected to the NBN network NBN Co presents the first set of data that reveals how Australians are using the \$50 billion network and what applications are driving a huge growth in data volumes that are now over 200GB/month in each end-user household. With data usage increasing significantly every year NBN Co is investing in new technologies that will help the NBN network meet the demands of the future.

Participants

Ray Owen - CTO, NBN Australia

PANEL: Investing in the Future of Telco

11:55 - 12:40

Keynotes

- Assessment of the most successful funding models worldwide – what funds are available where?
- Creating combined funding frameworks from different pots
- Attracting private investment
- Effect of regulation on private investment
- Alternative actors – pension funds, etc.

Participants

Moderator: Matthew Evans - CEO, Broadband Stakeholder Group

Harald Gruber - Head of Digital Economy and Innovation, European Investment Bank (EIB)

Dana Tobak - CEO, Hyperoptic

Erling Gudmundsson - CEO, Gagnaveita Reykjavik

Chris Hogg - Investment Director, Amber Infrastructure

Kate McKenzie - CEO, Chorus

Smart City platforms - IoT-based services for cities

12:00 - 12:20

Gigabit Innovation - Free Content

Participants

Natalia Reen - Project Leader, Forum Virium (IoT Platform), City of Helsinki

The Start-Up Panel – How to get the best Start out in Tech

12:20 - 12:55

Gigabit Innovation - Free Content

Participants

Moderator: Nicolai Schättgen - CEO, Match-Maker Ventures

Fabian Beringer - Co-Founder and Managing Director , e-bot 7

Viktar Suzdaltsau - Finance Analyst, CopPay

Deploying a Disaggregated Network

12:30 - 12:50

Broadband World News - Free Content

Participants

Flemming Heino - Lead Architect, LINX

Lunch & Exhibition Visit

12:55 - 14:00

Welcome and Introduction from the Chairperson

14:00 - 14:10

Next Generation Networks

Welcome and Introduction from the Chairperson

14:00 - 14:10

Virtualization & Automation

Participants

Thomas Magedanz - Head of NGNI, Fraunhofer Fokus

Welcome and Introduction from the Chairperson

14:00 - 14:10

Connected Home

Access transformation: Do you have what it takes?

14:00 - 15:00

Open Telco

Telecoms are changing in many ways as operators learn to adapt and adopt cloud technologies, software patterns, and operational paradigms. Three pioneers in networks transformation, Deutsche Telekom, AT&T & Telefonica, will take to the stage to share how they are pioneering the evolution of access networks and services. Leading operators are joined by Arthur D. Little to take an analytical look at the economics of telecoms evolution, including: cloudification, continuous integration, disaggregation, open source, open specs, collaboration, existing vendors, new suppliers, start-ups and communities.

Participants

Tom Anschutz - Distinguished Member of Technical Staff, AT&T

Patrick Lopez - VP Networks innovation, Telefonica

Hans-Joerg Kolbe - Chief Engineer Access Innovation, Deutsche Telekom

Moderator: Salman Ali, - Principal, , Arthur D. Little

SDN and NFV Integration with NaaS: Evolution to Value-Added Services

14:00 - 14:20

Broadband World News - Free Content

- Network Providers generate new revenue over virtualized networks while delivering "NaaS"
- Enterprises focus on business growth rather than hardware or software updates
- Streamlining network operations to leverage over-budgeted hardware burden
- Ease deployment of innovative feature sets and unified security policies
- Better investment on robust disaster recovery

Participants

Speaker: Stanley Ogbeide - IP Networking Team Lead, Lebara

Fireside Chat: Deploying Future Networks

14:00 - 14:30

Gigabit Innovation - Free Content

The Need For High Efficient Next Generation Broadband Network Construction

14:10 - 14:30

Next Generation Networks

- A full fiber oriented FTTx network is the fundamental infrastructure to the next generation networks, for which an high efficient network construction is the key;
- The industrial progress enabling E2E Gigaband network and service experiences;
- Automation and autonomy will be introduced into the next generation network.

Participants

Yupeng Xiong - Vice President, Access Network Product Line, Huawei

Hybrid NFVI Builds Up Autonomous Network System

14:10 - 14:30

Virtualization & Automation

Telecom cloud should be built to carry NFV, 5G and MEC services

Following the first step of network automation provided by SDN, what kind of network does the telecom cloud need to deliver its performance?

A fully E2E autonomous network that cross the boundary between software and hardware is the key factor to success for telecom cloud

Participants

Peng Hao - Senior Product Marketing Director, ZTE

Exploring the Fixed-Wireless Future: Present and Future Concerns

14:10 - 14:30

Connected Home

- WTTx can be of benefit to home broadband to connect the unconnected home
- Operator WTTx practices drive the industry sustained innovation
- Make your successful business of connected home by Huawei WTTx solution

Participants

Qingwen Wang - General Manager, WTTx Domain, Huawei

Cloud to device: leveraging data through AI for the provision of modern home services

14:20 - 14:40

Broadband World News - Free Content

o Understanding the services in-play including Adaptive WiFi (TM), Mesh, access control, cyber security, parental control, IoT device on-boarding and management.

o The role of technical standards including Wi-Fi Easy Mesh (TM), RDK, OpenWrtm, prpl and OB-MAP.

o A new open interface framework for interoperable cloud to device management, control, and rapid service introduction.

Participants

Bill McFarland - CTO, Plume

Future of Cyber Defence: Challenges and Opportunities

14:30 - 14:50

Next Generation Networks

-The evolving threat environment

Challenges and Opportunities of future technologies on Cyber Security

The role of innovation in meeting the challenges

What the future of Cyber defence will look like (demos)

Participants

Speaker: Ben Azvine - Global Head of Security Research & Innovation, BT

The Mobile Edge Ecosystem

14:30 - 14:50

Virtualization & Automation

• The mobile operator world and the application developer world do not currently collaborate or work well with each other, resulting in economic inefficiencies and sub-optimal application performance

• In the future, should the mobile networks provide more than just connectivity for the billions of devices running end user applications?

• Learn how the mobile edge ecosystem can benefit application developers, mobile operators, device makers, and technology suppliers such that everybody wins

Participants

Geoff Hollingworth - Marketing Director, MobileEdgeX

Smart City: Making the Most out of Connected Homes

14:30 - 14:50

Connected Home

Participants

Mark Kellett - CEO, Magnet Networks

Securing Smart Cities

14:30 - 14:50

Gigabit Innovation - Free Content

Calling all operators! Preparing for your 2021 OTT Strategy

14:40 - 15:00

Broadband World News - Free Content

Participants

Sascha Pruter - Chief Product Officer, Vewd

5G, Convergence and AI (Artificial Intelligence): Strategies for CSP's

14:50 - 15:10

Next Generation Networks

The advent of 5G in driving innovation and research in Artificial Intelligence is attracting significant interest from fixed-mobile convergent CSP's. In particular, Wireless is one of the most promising areas of investment for AI, with it generating new revenue streams for CSP's by opening up new business propositions for them to offer to customers. Enhanced levels of AI have the potential to transform cellular networks from being network-centric to user-centric and ultimately, information centric

Participants

Faisal Usmani - Business Development and Strategy Lead - Communications, Cyient

Introducing the new Open Edge and HPC Initiative

14:50 - 15:00

Virtualization & Automation

- The need for ecosystems in Edge Computing

- The role of Arm technologies in Edge Computing

- Introducing the Open Edge and HPC Initiative

Participants

Thomas Magedanz - Head of NGNI, Fraunhofer Fokus

Smart Home Network

14:50 - 15:10
Connected Home

Fiberhome Session

Closing Thoughts: Benefits of Better Broadband

14:50 - 15:10
Gigabit Innovation - Free Content

Participants

Henry Schiemann - International Telecommunications Consultant, Independent Consultancy

Panel: Value Chains and Eco Systems for Edge Computing

15:00 - 15:50
Virtualization & Automation

- Who has ownership of the edge? Data Centre, Enterprise, Telco?

- Which verticals are the most promising to adopt EC first?
- Who are they key players involved in edge computing and where does each sit in the value chain?
- What is needed to take immediate and sustainable gain from edge computing?

- How to create a solid eco system? Best practices, Standards, Open Source?

Participants

Moderator: Thomas Magedanz - Head of NGNI, Fraunhofer Fokus

Olaf Kautz - Director of IoT Portfolio Strategy and Product Management, Bosch Software Innovations

Patrick Lopez - VP Networks innovation, Telefonica

Colin Alexander - Director of Wireless Infrastructure Marketing, Arm

PANEL An Update on Disaggregated Access Networks in Europe

15:00 - 15:40
Open Telco

- Following an excellent panel in 2017, representatives from BT, DT and Telefonica will take the stage to provide an informative update on the open networking movement in Europe

Participants

Stefano Fogli - Principal Network Architect, BT

Alfonso Carrillo - Chief Architect, OnLife Network Project, Telefonica

Moderator: Aseem Parikh - VP, Solutions & Partnerships, ONF

Hans-Joerg Kolbe - Chief Engineer Access Innovation, Deutsche Telekom

FTTH rollouts in Telefonica Espana

15:10 - 15:30
Next Generation Networks

Participants

Speaker: Jose Luis Novoa Lozano - Fixed Access Network Technologies, Telefonica Spain

Common sourcing between Orange and Deutsche Telekom: Leveraging Scale & Innovation

15:10 - 15:30
Connected Home

Participants

Speaker: Khalid Sharaf - VP Digital Home Devices Procurement Orange, BuyIn

Panel: What does the Future NGN look like?

15:30 - 15:50
Next Generation Networks

Participants

Moderator: Livia Rosu - Chair of the Marketing Working Group, Home Grid Forum

Panelist: Saad Al-Kahtani - Broadband Expert, UN Broadband Commission

Panelist: Sudhir Krishnan - Senior Product Manager, Casa Systems

Panelist: Martin Fowler - General Manager-NGA Platform, Openreach

The Future of IoT Home Automation

15:30 - 15:50
Connected Home

Welcome and Introduction from the Chairperson

15:40 - 15:50
Open Telco

Participants

Benoit Felten - CEO, Diffraction Analyses

Networking Break & Exhibition Visit

15:50 - 16:20
Next Generation Networks

Networking Break & Exhibition Visit

15:50 - 16:20
Virtualization & Automation

Networking Break & Exhibition Visit

15:50 - 16:20
Connected Home

Chairman's Introductions

16:20 - 16:25
Closing Keynotes

Broadband Technology Roadmaps: 2050 and beyond

16:25 - 16:45
Closing Keynotes

Participants

Susan Steggles-Cole - Head of Operations, Virgin Media

New Fiber New Future

16:45 - 17:05
Closing Keynotes

Participants

Raadj Matai - Chief Scientist, YOFC

NGPON2: Next Generation Architecture for Unified Access: Verizon's Perspective

17:05 - 17:25
Closing Keynotes

Participants

Speaker: Vincent O'Byrne - Director, Technology, Verizon

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Enabling a Gigabit Nation

17:25 - 17:45
Closing Keynotes

Participants

Dana Tobak - CEO, Hyperoptic

SCHEDULE

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09:00					<p>09:00 - Welcome and Introduction from the Chairperson</p> <p>09:10 - Home Broadband Enables Business Success</p> <p>09:30 - Infrastructure Synergy to Improve Network Deployment</p> <p>09:50 - Optimising Connected Lives</p>			
10:00	<p>10:00 - Welcome and Introduction from the Chairperson</p> <p>10:05 - Blockchain Keynote: Unravelling new business opportunities through disruptive Blockchain</p> <p>10:25 - IoT Connectivity: Blockchain and error free peer-to-peer connectivity</p> <p>10:40 - NG-PON</p>			<p>10:00 - Chair's Welcome</p> <p>10:10 - Smart Sustainability - Sharing Educational Data - for better quality of life - Gdynia case study</p> <p>10:30 - Panel: Sharing Data for Better Urban Planning</p>	<p>10:10 - Solving the Gateway Security Challenge - Profitably</p> <p>10:30 - Networking Break and Exhibition Visit</p>			

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11:00	<p>11:00 - Networking Break & Exhibition Visit</p> <p>11:30 - Panel: The User Services Platform: A necessary successor to TR-069</p>			<p>11:10 - Networking & Exhibition Break</p>	<p>11:25 - Link Business Strategy to Technology Strategy</p> <p>11:40 - Halfway there: How 4 million Australians are now using the NBN network</p> <p>11:55 - PANEL: Investing in the Future of Telco</p>			
12:00	<p>12:30 - Deploying a Disaggregated Network</p> <p>12:55 - Lunch & Exhibition Visit</p>	<p>12:55 - Lunch & Exhibition Visit</p>	<p>12:55 - Lunch & Exhibition Visit</p>	<p>12:00 - Smart City platforms - IoT-based services for cities</p> <p>12:20 - The Start-Up Panel – How to get the best Start out in Tech</p> <p>12:55 - Lunch & Exhibition Visit</p>	<p>12:55 - Lunch & Exhibition Visit</p>	<p>12:55 - Lunch & Exhibition Visit</p>	<p>12:55 - Lunch & Exhibition Visit</p>	<p>12:55 - Lunch & Exhibition Visit</p>
13:00								

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15:00			<p>15:10 - Common sourcing between Orange and Deutsche Telekom: Leveraging Scale & Innovation</p> <p>15:30 - The Future of IoT Home Automation</p> <p>15:50 - Networking Break & Exhibition Visit</p>			<p>15:10 - FTTH rollouts in Telefonica Espana</p> <p>15:30 - Panel: What does the Future NGN look like?</p> <p>15:50 - Networking Break & Exhibition Visit</p>	<p>15:00 - PANEL An Update on Disaggregated Access Networks in Europe</p> <p>15:40 - Welcome and Introduction from the Chairperson</p>	<p>15:00 - Panel: Value Chains and Eco Systems for Edge Computing</p> <p>15:50 - Networking Break & Exhibition Visit</p>

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16:00		<p>16:20 - Chairman's Introductions</p> <p>16:25 - Broadband Technology Roadmaps: 2050 and beyond</p> <p>16:45 - New Fiber New Future</p>						
17:00		<p>17:05 - NGPON2: Next Generation Architecture for Unified Access: Verizon's Perspective</p> <p>17:25 - Enabling a Gigabit Nation</p>						