

AGENDA

DAY 1
ALFA STAGE

DAY 1
OMEGA STAGE

DAY 1
TECHFLIX

DAY 2
ALFA STAGE

DAY 2
OMEGA STAGE

DAY 2
TECHFLIX

DAY 1 / ALFA STAGE

CET time zone	11.11.2020.
8:00 - 9:00	Registration in platform www.5gtechritory.com
9:00-9:10	Opening show
9:10 - 9:30	<p>Opening</p> <ul style="list-style-type: none"> - Juris Pūce, Minister for Environmental Protection and Regional Development of Latvia (confirmed) - Paula Lehtomaki Secretary General, Nordic Council of Ministers (confirmed) -Ivars Ījabs, MEP, European Parliament (confirmed) -Valdis Dombrovskis, Executive Vice President of the European Commission for An Economy that Works for People, Trade Commissioner (confirmed)
9:30-9:35	5min Buffer
9:35-10:20	<p>Topic: Acceleration of 5G in Europe</p> <p>Description: 5G is being deployed across Europe in different speeds and different strategies. At the same time Europe is home to most companies innovating the technology which enables 5G networks and ecosystems. As we watch other regions like Asia and North America we see a fast deployment and focus to harvest the benefits of 5G technology across society and industry. In this exciting session we will discuss IF and WHAT we can do different across Europe to accelerate the deployment and ensure the diffusion of 5G across vertical sectors</p> <p>Participants: Pearse O'Donohue, Director of Future Networks (Directorate E), DG Communications Networks, Content & Technology, European Commission (confirmed)</p> <ul style="list-style-type: none"> -Timo Harakka, Minister of Transport and Communications of Finland (confirmed) -Morten Friis Møller, Senior Adviser, Nordic Council of Ministers (confirmed)
10:20-10:25	5min Buffer
10:25-11:10	<p>Panel discussion</p> <p>Topic: 1st Year of 5G: The Operators View – Hosted by GSMA</p> <p>Description: For the first time large Mobile Operators will give their view on the 1st year of 5G deployment in the regions where they operate.</p> <p>Moderator: Laszlo Toth, Head of Public Policy, Europe, GSMA(confirmed)</p> <p>Participants:</p> <ul style="list-style-type: none"> -Claudia Selli, Executive Director European and Political Affairs, AT&T (confirmed) - Wolfgang Kopf, Senior Vice President for Group Public and Regulatory Affairs, Deutsche Telekom (confirmed) - Juris Binde, President & Chairman of the management board, LMT (confirmed)
11:10-11:15	5min Buffer



<p>11:15-12:00</p>	<p>Panel discussion Topic: 5G National Spectrum Strategies – Hosted by Policy Tracker Description: Different countries have different spectrum strategies and this is affecting everything. This discussion will focus on the various strategies around the World and the different countries are enabling faster deployment and engagement of the vertical sectors. Moderator: Martin Sims, Managing Director, Policy Trackers (confirmed) Participants: -Philip Marnick, Group Director, Spectrum, Ofcom (confirmed) -Jonas Wessel, Director, PTS (confirmed) -William Webb, CEO, Webb Search (confirmed)</p>
<p>12:00 - 13:00</p>	<p>Break</p>
<p>13:00-13:45</p>	<p>Panel discussion Topic: 5G National Strategies to boost Verticals Description: 5G for vertical sectors is noted as one of the hottest ways to enable digitalisation. In this panel session we will discuss different national strategies and what is working (or not). Moderator: Ioannis Tomkos, Professor, University of Patras (confirmed) Participants: - Mirella Liuzzi, Secretary of State at the Ministry of Economic Development, Italy (confirmed) - Konstantinos Masselos, President of the Hellenic Telecommunications & Post Commission (EETT), Greece (confirmed) -Heidi Himmanen, Chief Adviser, Finnish Transport and Communications Agency, Finland (confirmed)</p>
<p>13:45-13:50</p>	<p>5min Buffer</p>
<p>13:50-14:05</p>	<p>Fireside chat Topic: Driving innovation: dealing with uncertainties and shaping the future Description: How often do we wish to know where the future will take us and how it will impact the things we have been working on? Technological development is a risky area – not only is it resource-intensive but also highly uncertain. Solutions that are demanded now can become obsolete tomorrow. Technology shapes the society and society shapes the technology. How to deal with this and how to leverage the risks? What can different organisations do and what their roles can or should be? Speakers: Lauma Muižniece, Head of Technology Department, Investment and Development Agency of Latvia and Piret Tonurist, Senior Project Manager, OECD (confirmed)</p>
<p>14:05-14:10</p>	<p>5min Buffer</p>
<p>14:10-14:55</p>	<p>Panel discussion Topic: 1st Year of 5G: The Vendors View – Hosted by GSA Description: For the first time the telecom vendors will give their view on the 1st year of 5G. The discussion will focus on regional deployments, and the factors why some regions are faster than others. Moderator: Joe Barrett, President, GSA (confirmed) Participants: - Peter Wennerstrom, Head of Strategy, Business Development and Business Operations for Europe, Nokia (confirmed) -Patrik Cerwall, Head of Strategic Marketing Insights, Ericsson (confirmed) -Kenneth Fredriksen, Executive Vice President, CEE&Nordic European Region, Huawei (confirmed) -Paolo Campoli, Vice President, Worldwide SP Segment Leader, CISCO (confirmed)</p>



14:55-15:00	5min Buffer
15:00-15:15	<p>Ted Talk</p> <p>Topic: 5G efficient fiber deployment</p> <p>Description: In this talk we will hear about an innovative way used in several cities to pass fiber through the sewage pipes. This will enable a faster deployment of fiber which is necessary for 5G densification.</p> <p>Speaker: Louise Keogh, Commercial Director, NURON (confirmed)</p>
15:15-15:20	5min Buffer
15:20-16:05	<p>Panel discussion</p> <p>Topic: 1st Year of 5G: The Chipdesigners View – Hosted by GSA</p> <p>Description: Hear from the leading chip designers on where we stand after the first year of 5G deployment. The discussion will focus on 5G's regional uptake, the devices, and the expected impact on the 5G handset market.</p> <p>Moderator: Joe Barrett, President, GSA (confirmed)</p> <p>Participants:</p> <ul style="list-style-type: none"> - Sylvia Lu, Head of Technology Strategy, uBlox (confirmed) -Howard Benn, VP Communications Research, Samsung (confirmed) -Torsten Küpper, Senior Director Government Affairs Europe, Qualcomm (confirmed)
16:05-16:10	5min Buffer
16:10-16:25	<p>Ted Talk</p> <p>Topic: 5G and the Future of Operators</p> <p>Description: 5G is an essential stepping stone to boost the national economy. Operators fast in deploying 5G not only create their own future but lead the way to a digital global economy.</p> <p>Speaker: Georg Löffelmann, Head of Mobile Access, A1 Telekom Austria (confirmed)</p>
16:25-16:30	5min Buffer
16:30-17:15	<p>Panel discussion</p> <p>Topic: E2E Service Delivery chaired by the ITU</p> <p>Description: Can we deliver End to End services in 5G? For the first time the standardization bodies will discuss the level of status of service delivery across network domains and industries.</p> <p>Moderator: Bilel Jamoussi, Chaired and moderated by the ITU Chief of the ITU-T Study Groups Department, ITU (confirmed)</p> <p>Participants:</p> <ul style="list-style-type: none"> -Alojz Hudobivnik, Vice-chair of Study Group 13 WP1/13, ITU-T (confirmed) -Luca Pesando, Standards Coordinator, TIM, and the Chairman of the ISG F5G at ETSI (confirmed) -Joann O'Brien, Vice President, 5G Digital Ecosystems, TM Forum (confirmed)
17:15-17:20	5min Buffer
17:20-18:05	<p>Panel discussion</p> <p>Topic: Mission Critical Networks</p> <p>Description: The old Tetra systems need to be replaced to serve the new needs of police, fire, and emergency departments. This panel discussion will focus on the various actions around the world of Mission Critical Networks and how these can be achieved best.</p> <p>Moderator: Rui Aguiar, Professor, 5GinFire (confirmed)</p> <p>Participants:</p> <ul style="list-style-type: none"> -Günter Graf, Vice President New Business Development, Frequentis (confirmed) -Kennet Nomeland, Radio System Architect, Norwegian Defence Materiel Agency (confirmed)



18:05-18:10	5min Buffer
18:10-18:25	<p>Ted talk</p> <p>Topic: 5G Strategies in Europe by the ITU</p> <p>Description: The ITU will present for the first time the Stocktaking Report on 5G Strategies in Europe with a focus on non-EU countries.</p> <p>Speaker: Jaroslaw Ponder, Head of the ITU Regional Office for Europe, ITU (confirmed)</p>
18:25-18:30	5min Buffer
18:30-18:45	<p>Ted talk</p> <p>Topic: 5G Implementation Dynamics: Americas</p> <p>Description: The ITU will provide the status and drivers for 5G deployment in the Americas.</p> <p>Speaker: Bruno Ramos, Regional Director for the ITU Regional Office for Americas, ITU (confirmed)</p>
18:45-18:50	5min Buffer
18:50-19:35	<p>Panel discussion</p> <p>Topic: What are the mega trends influencing 5G?</p> <p>Description: Why is envisioning the future important and how can we think about it? How do we differentiate trends from noise? And whose voices speak the loudest? In this panel, three distinguished female leaders working in sectors with low female representation - 5G and energy - will share their understanding of the key megatrends that will be driving the 5G and digitalization spheres in the next 10-20 years. In addition to offering their future outlooks, the panel participants will also share their thoughts on the crucial steps that need to be taken to make the tech world more inclusive and diverse. The future of 5G is unimaginable without women!</p> <p>Moderator: Maija Kāle, Adviser on Sustainability and Digitalization at the Nordic Council of Ministers' Office in Latvia (confirmed)</p> <p>Participants:</p> <ul style="list-style-type: none"> -Sofia Elamson, Advisor, Nordic Energy Research (confirmed) -Elīna Lidere, 5G Innovation Lead, LMT (confirmed) -Leslie Shannon, Head of Ecosystem and Trend Scouting, Nokia (confirmed)
19:35-19:40	5min Buffer
19:40-19:55	<p>Ted Talk</p> <p>Topic: Urban 5G: The case of Private, Public, Partnerships in the deployment of Wireless Networks</p> <p>Description: Network densification in cities is an expensive exercise. Aesthetics, network capacity and Radio Coverage do not necessarily march in lockstep with planning and RF Engineering teams. We will review and suggest some alternate deployment approaches with the introduction of new aesthetically pleasing techniques and a brand new business model to achieve optimum coverage while accelerating deployment timeframes.</p> <p>Speaker: Dimitrios Lalos, the CEO of the Marquee Wireless (confirmed)</p>
19:55-20:00	5min Buffer



DAY 1 / OMEGA STAGE

Time	11.11.2020.
8:00 - 9:00	Registration in platform www.5gtechritory.com
9:00-9:10	Opening show
9:10 - 9:30	<p style="text-align: center;">Opening</p> <ul style="list-style-type: none"> -Juris Pūce, Minister for Environmental Protection and Regional Development of Latvia (confirmed) - Paula Lehtomaki Secretary General, Nordic Council of Ministers (confirmed) -Ivars Ījabs, MEP, European Parliament (confirmed) -Valdis Dombrovskis, Executive Vice President of the European Commission for An Economy that Works for People, Trade Commissioner (confirmed)
9:30-9:35	5min Buffer
9:35-10:20	<p style="text-align: center;">Panel discussion</p> <p style="text-align: center;">Topic: The role of cellular network in drone flights</p> <p>Description: Mobile networks are uniquely positioned to improve the safety of drone operations and also to enable beyond visual line-of-sight applications. In this panel we will discuss the role of mobile networks in drone industry, exchange the experiences and know how.</p> <p style="text-align: center;">Moderator: Sebastian Babiarz, Co-President, GUTMA (confirmed)</p> <p style="text-align: center;">Participants:</p> <ul style="list-style-type: none"> -Gints Jakovels, Innovation Lead (UAS / UTM Development & Solutions), LMT (confirmed) -Thomas Neubauer, VP Innovations, TEOCO (confirmed) -Barbara Pareglio, Senior Director, IoT Technology, GSMA (confirmed)
10:20-10:25	5min Buffer
10:25-11:10	<p style="text-align: center;">Panel discussion</p> <p style="text-align: center;">Topic: European Digital Innovation Hubs (EDIHs)</p> <p>Description: The need and current challenges of the digital transition and innovation. Expected role of European Digital Innovation Hubs (EDIHs). European added value based on EDIH networking. Digital transformation - how to make it work for people, businesses and the environment. Sectors and industries that will benefit the most. 5G and its expected impact on digital innovation.</p> <p style="text-align: center;">Moderator: Salvis Roga, MOB, Green-Tech Cluster / Kurzemes Business Incubator (confirmed)</p> <p style="text-align: center;">Participants:</p> <ul style="list-style-type: none"> --Anne-Marie Sassen, Deputy Head of Unit. DG CONNECT/A2, European Commission (confirmed) -Āris Dzērvāns, Deputy State Secretary on Digital Transformation, Ministry of Environmental Protection and Regional Development of the Republic of Latvia (confirmed) -Muhammad Ali, Senior Scientist, VTT Technical Research Centre of Finland (confirmed) -Petr Uhlir, Senior Specialist, Wirelessinfo (confirmed) - Iveta Strupkāja, Deputy Director of Export, Investment and Development Agency of Latvia (confirmed)
11:10-11:15	5min Buffer



<p>11:15-12:00</p>	<p>Panel discussion Topic: On the Road to 6G Description: Every 10 years comes a new G. Some of the best researchers in the World will discuss the latest thinking on 6G and why we will need it in 10 years time. Moderator: Colin Willcock, Chairman of the Board, 5G IA (confirmed) Participants: -Takehiro Nakamura, SVP and General Manager, NTT Docomo (confirmed) - Karin Thurberg, Director Product Management, Stockholm R&D Center, Huawei (confirmed) -Harish Viswanathan, Head, Radio Systems Research, Nokia Bell Labs (confirmed)</p>
<p>12:00 - 13:00</p>	<p>Break</p>
<p>13:00-13:45</p>	<p>Panel discussion Topic: How safe mobility will develop through advances of mobile connectivity and AI Description: People oriented mobility means that everyone has safe, comfortable, convenient, and reliable access to work, school, and other destinations we need to travel to every day by public transport, private car, by foot or by bicycle. Is it today, near future reality or just a dream? Discussion will guide through main insights from technology deployment, legislation and environment readiness perspective towards safe mobility already today. Moderator: Caspar de Jonge, The Netherlands, Ministry of Infrastructure and Water Management (confirmed) Participants: -Artūrs Lindenbergs, Innovation Lead, Head of Mobility Innovations, LMT (confirmed) -Ilkka Kotilainen, Special advisor, Finnish Transport and Communications Agency Traficom (confirmed) -Peter Stuckmann, Head of Unit – Future Connectivity Systems - Directorate-General for Communications Networks, Content and Technology (DG CONNECT), European Commission (confirmed) -Dmitry Konyagin, Enterprise Business Team Leader, NVIDIA (confirmed)</p>
<p>13:45-13:50</p>	<p>5min Buffer</p>
<p>13:50-14:05</p>	<p>Use case Topic: Plug&Play innovation for road safety using AI on the EDGE Description: Even though, smart mobility technologies and AI are implemented with the aim to make things easier, the majority of traffic monitoring solutions require complex technical installation. Therefore, a plug&play innovation is one of the smart mobility approaches that in many countries could change the way of enforcing road safety. Speakers: Kārlis Vilciņš, Business Partnership Manager, LMT (confirmed)</p>
<p>14:05-14:10</p>	<p>5min Buffer</p>
<p>14:10-14:55</p>	<p>Panel discussion Topic: Private 5G Networks – Challenges and Opportunities Description: Private 5G networks (also referred to as non-public networks) represent a major novelty that comes along with 5G. For the first time, enterprises can rely on local 5G connectivity, which is completely or at least partially decoupled from the conventional public networks. In this panel session, we will exchange different points of view on private 5G networks and discuss latest developments as well as remaining challenges in this exciting area. Moderator: Andreas Mueller, General Chair of 5G-ACIA, 5G ACIA (confirmed) Participants: -Linus Thrybom, R&D Manager, ABB Corporate Research (confirmed) -Ulrich Dropmann, Head of Standardization Bell Labs CTO, Nokia (confirmed) -Aniruddho Basu, SVP & GM Emerging Business, Mavenir (confirmed) -Berna Sayrac, Wireless Networks Research Program Coordinator, Orange (confirmed)</p>

3rd BALTIC SEA REGION

5G ECOSYSTEM FORUM

RIGA, LATVIA | November 11 – 12, 2020

PH Y G I T A L E D I T I O N

5G TECHRITORY



14:55-15:00	5min Buffer
15:00-15:15	<p>Ted Talk</p> <p>Topic: 5G Slicing for Industry</p> <p>Description: 5G slicing is a complex topic which is not for the faint hearted. In this talk we will hear the latest on technology and use cases from a leading company in this domain.</p> <p>Speakers: Vassilis Seferidis, CEO, Zeetta Networks (confirmed)</p>
15:15-15:20	5min Buffer
15:20-16:05	<p>Panel discussion</p> <p>Topic: Digital Logistics</p> <p>Description: Digital logistics are one of the big promises of 5G with great efficiencies and benefits. In this panel session we will discuss the various use cases from forests, to ports to ships.</p> <p>Moderator: Eusebiu Catana, Senior manager I&D, ERTICO (confirmed)</p> <p>Participants:</p> <ul style="list-style-type: none">-Bugra Turan, Principal Researcher, Koc University Ford Otosan Automotive Technologies Laboratory (confirmed)- Ilga Bērzkalna, Head of Development, Latvia's State Forests (confirmed)-Viesturs Zeps, Chairman of the Board, Freeport of Riga Authority (confirmed)
16:05-16:10	5min Buffer
16:10-16:25	<p>Fireside Chat</p> <p>Topic: 5G and the composites manufacturing Case study</p> <p>Description: In this chat we will discuss the bleeding edge of technology of 5G and its application in aerospace from 2 leading organisations. The discussion will address the current status and real benefits which are already observed.</p> <p>Speakers: Vassilis Seferidis, CEO, Zeeta Networks & Marc Funnell, Head of Digital, Director of Digital Engineering Technology & Innovation, National Composites Centre (confirmed)</p>
16:25-16:30	5min Buffer
16:30-17:15	<p>Panel discussion</p> <p>Topic: Ahead of the curve</p> <p>Description: During this discussion panelists will debate the importance of digital environment and governmental response to COVID-19 pandemic when considering business location decisions, as well as answer questions from companies that are considering relocation of their businesses.</p> <p>Moderator: Andris Rubīns, CEO, Managing Partner, NORD DDB Riga (confirmed)</p> <p>Participants:</p> <ul style="list-style-type: none">-Jānis Čupāns, Partner, Deloitte Latvia (confirmed)-Evita Feldberga, Director of Sectoral Policy Department, Ministry of Economics of the Republic of Latvia (confirmed)-Renāte Strazdiņa, Country Manager Microsoft Baltics, Microsoft (confirmed)-John Tully, CEO, MikroTik (confirmed)
17:15-17:20	5min Buffer



<p>17:20-18:05</p>	<p>Panel discussion Topic: Digital Sea Description: An ungraspable sea of data, a digital sea, is exponentially growing providing foundations for the many stakeholders in the transport domain. Independent if you are a cargo owner, a shipping company, a train operator, or a port those need to become informed by others in the self-organizing ecosystem that you work within. 5G offers amazing opportunities to assure connectivity and data streaming. In this session we will discuss the technical opportunities that 5G provides for the transport industry and its stakeholders, independent on the mode of transport. Moderator: Mikael Lind, Senior Research Advisor, RI.SE (confirmed) Participants: -Päivi Haikkola, Senior Ecosystem Lead, ONE SEA (confirmed) -Ansis Zeltins, CEO, Freeport of Riga Authority (confirmed) -Olle Isaksson, Director Global Partnering and Eco-systems, Ericsson (confirmed) -Erik Lund, Head of IoT Tracking Division, SONY (confirmed)</p>
<p>18:05-18:10</p>	<p>5min Buffer</p>
<p>18:10-18:25</p>	<p>Use case Topic: 5G and future digitalization in Freeport of Riga Description: Freeport of Riga understands 5G importance and its tremendous potential to improve multiple areas in port as such. To identify those improvements we are working towards solutions to digitalize Environment, Safety and Operational aspects. We already are implementing some smart solution and a lot of pilot tests is done, to understand on how artificial intelligent, integration and automatization can be best used for operations in our port, as an example remotely and maritime autonomous surface ships. We strongly believe that 5G technology will bring many positive changes in our port. Speakers: Deniss Bičkovs, IT Department Director, Freeport of Riga Authority (confirmed)</p>
<p>18:25-18:30</p>	<p>5min Buffer</p>
<p>18:30-18:45</p>	<p>Ted talk Topic: Practical Applications of AI in 5G Description: This talk follows an important article which appeared in Forbes magazine on the hot topic of AI and 5G. The author is here to talk to us about what is near and coming. Speakers: Will Townsend, Senior Analyst and Forbes Contributor, Moor Insights & Strategy (confirmed)</p>
<p>18:45-18:50</p>	<p>5min Buffer</p>
<p>18:50-19:35</p>	<p>Panel discussion Topic: 5G vs Wifi - hosted by Disruptive Analysis Description: One of the hottest debates is 5G vs Wifi. In this panel discussion we will address the reality and burning questions from the right players. Moderator: Dean Bubley, Director, Disruptive Analysis (confirmed) Participants: -Jussi Kiviniemi, Wi-Fi Janitor, Juniper (confirmed) -Karin Thurberg, Director Product Management, Stockholm R&D Center, Huawei (confirmed) -Nitin Madan, Product Line Management, Broadcom (confirmed)</p>
<p>19:35-19:40</p>	<p>5min Buffer</p>



DAY 1 / TECHFLIX

Time	11.11.2020.
8:00 - 9:00	Registration in platform www.5gtechritory.com
9:00-9:10	Opening show
9:10 - 9:30	<p>Opening</p> <ul style="list-style-type: none"> -Juris Pūce, Minister for Environmental Protection and Regional Development of Latvia (confirmed) - Paula Lehtomaki Secretary General, Nordic Council of Ministers (confirmed) -Ivars Ījabs, MEP, European Parliament (confirmed) -Valdis Dombrovskis, Executive Vice President of the European Commission for An Economy that Works for People, Trade Commissioner (confirmed)
9:30-9:35	5 min Buffer
9:35 - 10:00	<p>Keynote</p> <p>Topic: How to ensure European Leadership in 5G</p> <p>Description: European Member States acknowledge the importance of developing 5G networks and dedicating further funding to boost Europe’s competitiveness and support its recovery. This keynote speech will identify how to accelerate Europe’s 5G roll out and ensure European Leadership in 5G.</p> <p>Speaker: Torsten Küpper, Senior Director Government Affairs Europe, Qualcomm (confirmed) and Marios Nicolaou, 5G Program Manager, WIND (confirmed)</p>
10:00-10:05	5 min Buffer
10:05 - 10:30	<p>Keynote</p> <p>Topic: Leviathan or peace endeavoring: The Role of State in Digital Transformation</p> <p>Description: The role of the state in digital transition. What is the realm governments should be responsible for regarding 5G implementation and how smart specialization feeds into 5G developments in Latvia.</p> <p>Speaker: Reinis Āzis, Deputy Director General, Investment and Development Agency of Latvia (LIAA)(confirmed)</p>
10:30-10:35	5 min Buffer
10:35 - 11:00	<p>Keynote</p> <p>Topic: 5G from space – “E.T.” is calling</p> <p>Description: 5G and Satellite are coming together in various ways. This is creating exciting opportunities and this talk will cover the latest on the topic.</p> <p>Speaker: Anne Stephan, Vice President Market Segment Wireless Communications, Rohde & Schwarz (confirmed)</p>
11:00-11:05	5 min Buffer



<p>11:05 - 11:30</p>	<p>Use case</p> <p>Topic: Beyond visual line of sight drones - experience and challenges</p> <p>Description: This year on September, LMT successfully completed the first-ever cross-border drone flight conducted entirely over the mobile network. The drone was flown from Latvia to Estonia without losing mobile network connectivity. We will exchange our practical experience about this flight and will focus on future challenges.</p> <p>Speaker: Gints Jakovels, Innovation Lead (UAS & UTM), LMT (confirmed)</p>
<p>11:30-11:35</p>	<p>5 min Buffer</p>
<p>11:35 - 12:00</p>	<p>Keynote</p> <p>Topic: 5G Unicorns</p> <p>Description: In this highly anticipated talk Dean Bubley will help us understand the capabilities of 5G, and to separate the reality versus the hype. Is 5G a solution to all problems or does it fit better in specific applications.</p> <p>Speaker: Dean Bubley, Director, Disruptive Analysis (confirmed)</p>
<p>12:00-12:05</p>	<p>5 min Buffer</p>
<p>12:05 - 12:30</p>	<p>Keynote</p> <p>Topic: 5G Status by Qualcomm</p> <p>Description: Find out from Qualcomm what is the state of play of the 5G roll out across the globe and how 5G and 6G deployment are expected to evolve in the coming years.</p> <p>Speaker: Luigi Ardito, Senior Director Government Affairs EMEA, Qualcomm (confirmed)</p>
<p>12:30-12:35</p>	<p>5 min Buffer</p>
<p>12.35 - 13:00</p>	<p>Ted Talk</p> <p>Topic: Smart Forest</p> <p>Description: Who knew that trees can be digital? In this talk we will hear about a fantastic use case at the bleeding edge of digitalisation of this valuable sector.</p> <p>Speakers: Ilga Bērzkalna, Head of Development, LVM (confirmed)</p>
<p>13:00-13:05</p>	<p>5 min Buffer</p>
<p>13:05-13:30</p>	<p>Keynote</p> <p>Topic: Empowering Verticals Industries through 5G Networks</p> <p>Description: 5G for vertical sectors is one of the hottest topics with much excitement and hype. In this talk we will hear the latest from one of the authorities on the topic.</p> <p>Speakers: Alexandros Kaloxylos, 5G IA Executive Director, 5GPPP & 5G IA (confirmed)</p>
<p>13:30-13:35</p>	<p>5 min Buffer</p>
<p>13:35-13:50</p>	<p>Ted Talk</p> <p>Topic: 5G 360° Immersive Media Golf Open Use Case</p> <p>Description: In this interesting presentation we will see how 5G was used in a real use case for 360 Media in Madrid Golf Open Championship providing an on-site fan immersive experience.</p> <p>Speaker: Aurora Ramos, Head of Smart Networks and Services Unit. Atos Research, Atos (confirmed)</p>
<p>13:50-13:55</p>	<p>5 min Buffer</p>



<p>13:55-14:10</p>	<p style="text-align: center;">Ted Talk</p> <p style="text-align: center;">Topic: 5G fighting the Pandemic</p> <p>Description: China saw 5G as a key tool to fight Covid-19 crisis. This talk will look at the experience of implementing 5G to fight the pandemic and what have been the results of these actions.</p> <p>Speaker: Edward Zhou, Vice President for Global Public Affairs, Huawei (confirmed)</p>
<p>14:10-14:15</p>	<p style="text-align: center;">5 min Buffer</p>
<p>14:15-14:30</p>	<p style="text-align: center;">Ted Talk</p> <p style="text-align: center;">Topic: 5G Drones: the status and reality</p> <p>Description: We read in the news about a future full of drones which will make life easier and safer. How real are these dreams? and how far are we from seeing drones in our neighborhoods? The Global authority on this topic will talk to us about the status and near future of drones.</p> <p>Speakers: Sebastian Babiarz, Co-President, GUTMA (confirmed)</p>
<p>14:30-14:35</p>	<p style="text-align: center;">5 min Buffer</p>
<p>14:35-15:00</p>	<p style="text-align: center;">Keynote</p> <p style="text-align: center;">Topic: 5G Investments</p> <p>Description: Spirent has a front seat on the current status of 5G and where investments are going. In this talk they will give a reality check on both.</p> <p>Speaker: Stephen Douglas, Head of 5G Strategy, Spirent (confirmed)</p>
<p>15:00-15:05</p>	<p style="text-align: center;">5 min Buffer</p>
<p>15:05-15:20</p>	<p style="text-align: center;">Ted Talk</p> <p style="text-align: center;">Topic: The Portuguese–Spanish cross-border corridor</p> <p>Description: So far 29 European countries are committed to the deployment of large-scale testing sites of connected and automated mobility on European motorways concretely near country borders, the so called cross-border corridors. In this talk we will learn about how to achieve continuity of time-critical services across borders, taking as an example the 5G Portuguese–Spanish cross-border corridor linking Porto to Vigo.</p> <p>Speaker: Jorge Pereira, Principal Scientific Officer, European Commission (confirmed)</p>
<p>15:20-15:25</p>	<p style="text-align: center;">5 min Buffer</p>
<p>15:25-15:40</p>	<p style="text-align: center;">Ted Talk</p> <p style="text-align: center;">Topic: Supporting 5G Innovations: Lessons learned from Finland</p> <p>Description: Finland is a leader in 5G with amazing innovations to share. In this talk we will hear about the various activities, projects and innovations happening now.</p> <p>Speaker: Heidi Himmanen, Chief adviser, Finish Transport and Communications Agency Traficom(confirmed)</p>
<p>15:40-15:45</p>	<p style="text-align: center;">5 min Buffer</p>



<p>15:45-16:10</p>	<p style="text-align: center;">Keynote</p> <p>Topic: How to shape mission critical broadband communication technology on pan-European level? Description: There are exciting new possibilities with broadband communication in PPDR (public protection and disaster relief units) and CNI (critical national infrastructure operators). In this talk we will hear from a world leader in this domain the latest ideas for Pan-European mission critical communication networks, lessons learned from the pandemic, and other use cases. Speaker: Günter Graf, Vice President New Business Development, Frequentis (confirmed)</p>
<p>16:10-16:15</p>	<p style="text-align: center;">5 min Buffer</p>
<p>16:15-16:40</p>	<p style="text-align: center;">Keynote</p> <p>Topic: Implementing 5G for Good: does EMF matter? Description: ITU have performed an international study on EMF and the effect on health. For the first time the final results will be presented to a Global audience. Speaker: Istvan Bozsoki, Head of Telecommunication Networks and Spectrum Management Division, Telecommunication Development Bureau, ITU (confirmed)</p>
<p>16:40-16:45</p>	<p style="text-align: center;">5 min Buffer</p>
<p>16:45-17:10</p>	<p style="text-align: center;">Keynote</p> <p>Topic: The strategy of Germany to enable 5G Description: Germany is a European leading country in the enablement of 5G networks and also vertical sectors. To achieve this they have established several initiatives and organizations. In this talk we will learn about the various activities and how Germany is proving to be a leader in 5G . Speaker: Anne Beimann, Head of the unit, Federal Ministry of Transport and Digital Infrastructure (BMVi) of Germany (confirmed)</p>
<p>17:10-17:15</p>	<p style="text-align: center;">5 min Buffer</p>
<p>17:15-17:40</p>	<p style="text-align: center;">Keynote</p> <p>Topic: 5G Transforming the Future Description: AT&T is a strong believer in 5G and a strong leader in the US market. In this talk they will give us their vision, their learnings and advice on how to be brave and succeed with 5G. Speaker: Edward Gillespie, Sr. Executive Vice President, External and Legislative Affairs, AT&T (confirmed)</p>
<p>17:40-17:45</p>	<p style="text-align: center;">5 min Buffer</p>
<p>17:45- 18:00</p>	<p style="text-align: center;">Ted Talk</p> <p>Topic: 5GVIIMA: 5G for Industry 4.0 Description: 5G VIIMA is one of the hottest European 5G projects where mobile technology is not only pushed forward to address I4.0 requirements but also taking it to practical experimentation in real environment in private networks and cutting cables from industrial applications. In this talk we will hear about the currently reality and future of Industry 4 applications using 5G. Speaker: Olli Liinamaa, Ecosystem mgr at Nokia & 5GTN Lead at Oulu University, Nokia / University of Oulu (confirmed)</p>
<p>18:00-18:05</p>	<p style="text-align: center;">5 min Buffer</p>



18:05-18:10	<p>Keynote</p> <p>Topic: 5G in United Arab Emirates</p> <p>Description: In this talk we will hear an update about situation in UAE. UAE is the first country in the Arab region and fourth globally to use 5G - we will hear the latest news about the strategy and results.</p> <p>Speaker: Hanan Al Aleeli, Ambassador of the UAE to the Republic of Latvia (confirmed)</p>
18:10-18:15	5 min Buffer
18:15-18:30	<p>Ted Talk</p> <p>Topic: Silicon Valley: Venture capital/investing climate</p> <p>Description: Do you want to know the current investment climate in Silicon Valley? Join this session to learn the reality from a true insider.</p> <p>Speaker: Steve Hoffman, Captain & CEO, Founders Space (confirmed)</p>
18:30-18:35	5 min Buffer
18:35-18:55	<p>Ted Talk</p> <p>Topic: Private LTE Network basis of Critical communications for Air France KLM</p> <p>Description: The airline industry is being discussed extensively as key sector for 5G adoption. In this talk we will learn the reality first hand from one of the leading Airlines in the world on their experience, readiness and requirements.</p> <p>Speaker: Christian Regnier, Enterprise Technical Architect, Air Fance KLM (confirmed)</p>
18:55-19:00	5 min Buffer
19:00-19:25	<p>Keynote</p> <p>Topic: 5G Spectrum Strategy in the USA</p> <p>Description: How is the United States seizing the opportunities of 5G? FCC Chairman Pai will discuss the FCC's strategy to promote the development and deployment of next-generation wireless technology called the FCC 5G FAST (Facilitating America's Superiority in 5G Technology) Plan. This Plan has three parts: freeing up spectrum, promoting wireless infrastructure, and modernizing regulations to encourage more fiber deployment.</p> <p>Speaker: Ajit Pai, Chairman, Federal Communications Commission (FCC) (confirmed)</p>
19:25-19:30	5 min Buffer

DAY 2 / ALFA STAGE

Time	12.11.2020.
9:10 - 9:30	<p>Opening Plenary Session</p> <ul style="list-style-type: none"> - Kaspars Rožkalns, Director General, Investment and Development Agency of Latvia (LIAA) (confirmed) - Juris Binde, President, Chairman of the Board, LMT (confirmed) - Kenneth Fredriksen, Executive Vice President, CEE&Nordic European Region, Huawei (confirmed) - Hilary Mine, VP and Market Unit Leader, Nordics, Baltics, and Benelux / President, Nokia / Digital Europe (confirmed)
9:30-9:35	5 min Buffer
9:35 - 10:20	<p>Panel discussion Topic: How to Fund 5G?</p> <p>Description: 5G is expensive to deploy and for this reason the speed of deployment is different around the World. This discussion will focus on different national and operator strategies and the funding methods which can be used to accelerate deployment.</p> <p>Moderator: Simon Fletcher, CTO, Real Wireless (confirmed)</p> <p>Participants:</p> <ul style="list-style-type: none"> - Mohammad Lari, Head of Cross-Government and International Coordination, The Department for Digital, Culture, Media & Sport (DCMS)(confirmed) -Anne Beimann, Head of the unit, Federal Ministry of Transport and Digital Infrastructure (BMVi) of Germany (confirmed) -HyeonWoo Lee, Deputy Executive Director of International Affairs of the 5G-Forum (confirmed) -Jēkabs Krieviņš, Member of the Board, ALTUM (confirmed) ir klātienē (1 ekrāns) -Reinis Āzis, Deputy Director General, Investment and Development Agency of Latvia (LIAA)(confirmed)
10:20-10:25	5 min Buffer
10:25 - 10:40	<p>Ted Talk Topic: Digital Port</p> <p>Description: There are many digital ports but the Port of Oulu is one of the leaders in the drive to digitalize maritime. They are even planning for a full digital twin. Join this talk to find out the latest in this exciting domain.</p> <p>Speaker: Mira Juola, Finance & Port Digitalization, Port of Oulu (confirmed)</p>
10:40-10:50	5 min Buffer
10:50-11:05	<p>Ted Talk Topic: Safe-Net project in South Korea</p> <p>Description: South Korea's Public Safety Mobile Broadband project, Safe-Net update. The project is PS-LTE (term by 3gpp rel. 13) based mission critical network, driven by Korea government. Steve also to share 5G smart city PoC case with 5G NSA technology. Korea is one of the leaders in 5G. This talk will focus on the state of deployment, the market drivers and the learnings from the leading nation.</p> <p>Speaker: Steve Hwang, Committee member of Safe-Net Forum/S. Korea Business Development director at Government & Cities APAC, NOKIA (confirmed)</p>
11:05-11:10	5 min Buffer



<p>11:10 - 12:00</p>	<p style="text-align: center;">Panel discussion</p> <p>Topic: Learnings from the UK 5G Testbeds and Trials and UK 5G Vision – Hosted by UK5G</p> <p>Description: The UK is a leader in 5G testbeds and trials in vertical sectors ranging from manufacturing, automotive, tourism and much more. In this session which is hosted by 5GUK we will discuss the various activities benefits and learnings. A session that should not be missed!</p> <p>Moderator: Rosalind Singleton, Chair, UK5G (confirmed)</p> <p>Participants:</p> <ul style="list-style-type: none"> - Ian Smith, 5G Testbeds & Trials Programme Director, Department for Digital, Culture, Media and Sport (confirmed) - Geraldina Iraheta, Director of Business Development, Digital Catapult (confirmed) - Ann Williams, Commissioning and Contracts Manager, Liverpool City Council (confirmed) -Matt Stagg, Director of Mobile Strategy, BT Sport (confirmed)
<p>12:00-12:05</p>	<p style="text-align: center;">5 min Buffer</p>
<p>12:05-12:45</p>	<p style="text-align: center;">Panel discussion</p> <p>Topic: The Role of Universities in Wireless Technology Research and Technology Transfer</p> <p>Description: Universities are very important players in technology transfer, however their role is narrowly understood merely as selling of intellectual property. In fact, the role of universities is broader - it is the competence of academic staff and the involvement of students (including doctoral students). Universities should find balance between the number of specific contract and future technology research. New tools need to be developed for technology transfer in the university innovation system. The focus should be on the skills of researchers and students to work with industry.</p> <p>Moderator: Oskars Priede (confirmed)</p> <p>Participants:</p> <ul style="list-style-type: none"> -Tālis Juhna, Professor, Vice-Rector for Research, Riga Technical University, Latvia (confirmed) -Sandis Spolītis, Senior Researcher, Faculty of Electronics and Telecommunications, Riga Technical University, Latvia (confirmed) -Leo Seļāvo, Professor, Faculty of Computing, University of Latvia, Latvia (confirmed) -Atis Elsts, Senior Researcher, Institute of Electronics and Computer Science, Latvia (confirmed) -Oskars Ozoliņš, Senior Scientist and Technical Lead on Optical Transmission, RISE Research Institutes of Sweden (confirmed) -Lauma Muižniece, Head of Technology Department, Investment and Development Agency of Latvia (confirmed)
<p>12:45 - 13:00</p>	<p style="text-align: center;">Break</p>
<p>13:00 - 13:45</p>	<p style="text-align: center;">Panel discussion</p> <p>Topic: Security through supply chain diversification</p> <p>Description: The panel will discuss the importance of diversification for securing the future of global telecommunications networks.</p> <p>Moderator: Ieva Ilves, Adviser to the President of Latvia for Information and Digital Policy (confirmed)</p> <p>Participants:</p> <ul style="list-style-type: none"> -Kathryn Roe, Deputy Director, UK Department of Digital, Culture, Media and Sport (confirmed) -Ian Levy, Technical Director, National Cyber Security Centre (NCSC) (confirmed) -Poul Thorlacius-Ussing, Head of Department for Advisory and Standards, Danish Centre for Cyber Security (confirmed) -Muhammad Mahtab Alam, Professor at Tallinn University of Technology (confirmed)
<p>13:45-13:50</p>	<p style="text-align: center;">5min Buffer</p>



<p>13:50 - 14:05</p>	<p style="text-align: center;">Ted Talk</p> <p style="text-align: center;">Topic: Enabling ubiquitous human-like interaction with systems and devices</p> <p>Description: Next generation of virtual assistants will have their personality and character, will be embodied in 3D avatars, will constantly learn and improve their skills. They will take into account the local and broader context, and will be able to understand human emotions and react with emotional response (e.g., respond to good news with a smile and happy voice). They will talk with users in many languages and will enable multilingual meetings and conversations. In this talk we will learn the latest from this important field.</p> <p>Speaker: Kaspars Kauliņš, International Business Development Director, Tilde (confirmed)</p>
<p>14:05-14:10</p>	<p style="text-align: center;">5min Buffer</p>
<p>14:10-14:25</p>	<p style="text-align: center;">Fireside chat</p> <p style="text-align: center;">Topic: Can you trust IoT?</p> <p>Description: Best of both worlds - IoT connectivity & blockchain. 1NCE together with Ubirch boosted the 1NCE IoT Flat Rate by adding a blockchain security component to the IoT FlexSIM card. Now you can be even more secure in trusting the digital twins!</p> <p>Speakers: Jans Jelinskis, Technical Director, 1NCE & Dominik Lenarczyk, Director Consulting, Ubirch (confirmed)</p>
<p>14:25-14:30</p>	<p style="text-align: center;">5 min Buffer</p>
<p>14:30-14:45</p>	<p style="text-align: center;">Ted Talk</p> <p style="text-align: center;">Topic: 5G Deployment & Innovation - The BEREC Perspective</p> <p>Description: From a BEREC perspective we can happily discuss 5G from a competition perspective as an alternative for fibre and as a driver for innovation. We can touch upon spectrum, although not on a more technical level. What would also be interesting is the cost of deployment and measures to reduce the cost, in particular the Cost reduction directive. BEREC is also involved in the EU work on cyber security, but is not the main actor in this context.</p> <p>Speaker: Dan Sjöblom, Chair, Body of European Regulators for Electronic Communications (BEREC) (confirmed)</p>
<p>14:45-14:50</p>	<p style="text-align: center;">5 min Buffer</p>
<p>14:50 - 15:35</p>	<p style="text-align: center;">Panel discussion</p> <p style="text-align: center;">Topic: OpenRAN</p> <p>Description: OpenRAN is seen as the best way to reduce the costs and vendor lock-in, and enable innovative solutions for industry verticals. This panel will review the status of OpenRAN and its role in the future of network evolution.</p> <p>Moderator: Will Townsend, Senior Analyst and Forbes Contributor, Moor Insights & Strategy (confirmed)</p> <p>Participants:</p> <ul style="list-style-type: none"> - Diane Rinaldo, Executive Director, Open RAN Policy Coalition (confirmed) - Per Beming, VP & Head of Standards & Industry Initiatives, Ericsson (confirmed) - Roland Doll, VP European Affairs, Deutsche Telekom (confirmed) - Alexander Tettenborn, Head of VIB3 "Development of digital Technologies", Federal Ministry for Economic Affairs and Energy (BMWi) of Germany (confirmed)
<p>15:35-15:40</p>	<p style="text-align: center;">5 min Buffer</p>



<p>15:40 - 15:55</p>	<p style="text-align: center;">Ted Talk</p> <p style="text-align: center;">Topic: Rising concerns and cyber resilience in 5G networks</p> <p>Description: Cyber resilience is a hot topic in 5G. In this talk we will hear from a world leader in security (Thales) on the use cases and applications in 5G networks.</p> <p>Speaker: Jean-François Rubon, Director of Strategy, Thales (confirmed)</p>
<p>15:55-16:00</p>	<p style="text-align: center;">5 min Buffer</p>
<p>16:15-16:30</p>	<p style="text-align: center;">Fireside Chat</p> <p style="text-align: center;">Topic: The Value of High Quality Video</p> <p>Description: How media and telco infrastructure companies jointly deploy the best products of large scale High Quality Video for consumers? In this chat we will hear from an operator and media representative who is excelling in this domain.</p> <p>Speakers: Gintas Butenas, CTO, BITE Group and Christian Anting, CEO, TV3 Group (confirmed)</p>
<p>16:30-16:35</p>	<p style="text-align: center;">5 min Buffer</p>
<p>16:35 - 16:50</p>	<p style="text-align: center;">Ted Talk</p> <p style="text-align: center;">Topic: Dynamic Spectrum Sharing (DSS) for enhanced 5G coverage</p> <p>Description: Dynamic Spectrum Sharing (DSS) is a key technology which can simplify the initial 5G networks deployment by utilizing existing spectrum. In this talk we will hear how DT has utilized it in order to achieve wide population/geographic coverage at relative low costs.</p> <p>Speaker: Konstantinos Chalkiotis, VP 5G Solutions / Access & Home Networks, Deutsche Telekom (confirmed)</p>
<p>16:50-16:55</p>	<p style="text-align: center;">5 min Buffer</p>
<p>16:55 - 17:40</p>	<p style="text-align: center;">Panel discussion</p> <p style="text-align: center;">Topic: How the Cloud will impact the RAN and the Edge for 5G Networks</p> <p>Description: Open RAN offers operators a choice of vendors and flexibility. It requires a system integrator to take an end-to-end role in building and deploying the RAN platform. An open ecosystem, that enables multiple technology vendors to operate on a common cloud native platform providers. This requires the use of common tools and processes to on-board CNFs and to automate their operation and deployment. Edge computing allows operators to deploy new types of service - using the same common cloud native platform. Enterprise services, like smart agriculture and video analytics. Telecom services to manage cost and performance like CDN, video transcoding. These require operators to develop an ecosystem of application partners.</p> <p>Moderator: Ioannis Tomkos, Professor, University of Patras (confirmed)</p> <p>Participants:</p> <ul style="list-style-type: none"> -Zygmunt Lozinski, Telecom Industry Technical Leader, IBM (confirmed) -Rakshit Mehta, Industry Business Development Leader - Telecom, Media and Entertainment Industry, IBM (confirmed) -Eugen Mikoczy, Telco Network/IT/Cloud Architect, IBM (confirmed)
<p>17:40-17.45</p>	<p style="text-align: center;">5 min Buffer</p>
<p>17:45-18:00</p>	<p style="text-align: center;">Ted Talk</p> <p style="text-align: center;">Topic: 5G Impacting our life in smart cities</p> <p>Description: AI and 5G are becoming more and more interconnected in various ways. In this talk we will hear from an industry leader on how this is enabled and how it is impacting our lives in a positive way. The current status and plans for the future will also be part of the talk.</p> <p>Speaker: Christian Guttman, Executive Director, Global Head of AI and VP, TietoEVRY (confirmed)</p>



18:00-18:05	5 min Buffer
18:05-18:20	<p>Ted Talk</p> <p>Topic: Future of connected cars by Volvo</p> <p>Description: Car connectivity is no longer just about internet radio or telematics, it is becoming a core component of the vehicle. Tune in to this talk about how Volvo is using connectivity to make cars safer, to improve efficiency of electric vehicles, to provide new features over the air - and to create cars that can drive themselves.</p> <p>Speaker: Martin Kristensson, VP Digital Business, Volvo Cars (confirmed)</p>
18:20-18:25	5 min Buffer
18:25-18:40	<p>Ted Talk</p> <p>Topic: Digital Twins for the Green Deal - European Commission</p> <p>Description: One of the most exciting initiatives of the European Commission is Destination Earth which combines AI, IoT, and 5G to enable the Green Deal. In this timely talk we will hear from the Chief Scientist on the new program which will start from 2021 and last for several years.</p> <p>Speaker: Stefano Nativi, Big Data Chief Scientist, Joint Research Centre (JRC) of the European Commission (confirmed)</p>
18:40-18:45	5 min Buffer
18:45-19:00	<p>Ted Talk</p> <p>Topic: What will 5G bring to cities who want to be smart</p> <p>Description: In this talk Orange will give an exciting talk on their experience of launching 5G focusing on the market, technology and strategy. Orange will provide learning and recommendations for the future.</p> <p>Speaker: Lorraine Chin, smart city international, Orange Business Services (confirmed)</p>

DAY 2 / OMEGA STAGE

Time	12.11.2020.
9:10 - 9:30	<p>Opening Plenary Session</p> <ul style="list-style-type: none"> - Kaspars Rožkalns, Director General, Investment and Development Agency of Latvia (LIAA) (confirmed) - Juris Binde, President, Chairman of the Board, LMT (confirmed) - Kenneth Fredriksen, Executive Vice President, CEE&Nordic European Region, Huawei (confirmed) - Hilary Mine, VP and Market Unit Leader, Nordics, Baltics, and Benelux / President, Nokia / Digital Europe (confirmed)
9:30-9:35	5 min Buffer
9:35 - 10:20	<p>Panel discussion</p> <p>Topic: High Risk AI</p> <p>Description: AI is taking over everything. Is it safe? What are the boundaries and what do different Governments plan to do. The topic could not be more interesting and the panel discussion more exciting.</p> <p>Moderator: Renāte Strazdiņa, Country Manager Microsoft Baltics, Microsoft Latvia (confirmed)</p> <p>Participants:</p> <ul style="list-style-type: none"> -Takuya Izumi, Director for Information Policy Planning, Information Economy Division, Commerce and Information Policy Bureau, Ministry of Economy Trade and Industry, Japan (confirmed) -Alexia Fanfalone Gonzalez, Economist in Telecommunications, OECD (confirmed) -Seung-Hun Hong, Associate Research Fellow, Division of Regulatory Innovation Research, Korea Institute of Public Administration (confirmed) -Rolands Strazdiņš, Minister's advisor on the digital agenda, Ministry of Environmental Protection and Regional Development of the Republic of Latvia (confirmed)
10:20-10:25	5 min Buffer
10:25 - 10:40	<p>Ted Talk</p> <p>Topic: What type(s) of Intelligent Connectivity is required to make 5G a reality</p> <p>Description: In Enabling the 5G Era, Mark will share insights on the necessary steps operators and wholesalers alike need to take to provide connectivity that will provide for today's and future requirements.</p> <p>Speakers: Mark Gilmour, Head of Mobile Connectivity Solutions, Colt (confirmed)</p>
10:40-10:50	5 min Buffer
10:50-11:05	<p>Fireside Chat</p> <p>Topic: Fireside chat between Baltic innovation districts: VEFRESH & Ulemiste</p> <p>Description: What have we learned from creating first innovation districts in the Baltics? Is there a competitive advantage for smaller countries in their flexibility to enable testing and deploy new technologies in real urban environments?</p> <p>Speakers: Viesturs Celmiņš, Chairman of the Board, VEFRESH and Ralf-Martin Soe, FinEst Twins Smart City Center of Excellence (confirmed)</p>
11:05-11:10	5 min Buffer



<p>11:10-11:25</p>	<p>Ted Talk Topic: 5G Rail – The Reality Description: Rail is a great use case for 5G. However, there are many steps towards the reality of 5G cross border enabled railway corridor. In this talk we will hear it like it is from a leading and strategic rail project, on both the steps and the opportunities. Speakers: Andy Billington, Innovation and Sustainability Expert, Rail Baltica (confirmed)</p>
<p>11:25-11:30</p>	<p>5 min Buffer</p>
<p>11:30- 12:15</p>	<p>Panel discussion Topic: Cities and big data: how to get it right? Dutch and Latvian perspectives. Description: 5G rollout will enable cities to collect and process huge amounts of urban data, but how can we ensure not only the quantity, but also the quality? The discussion will focus on the learnings from the Netherlands on what cities can and should do already now to ensure their data practices are effective, reliable and non-discriminatory. Moderator: Viesturs Celmins, Chairman of the Board, VEFRESH (confirmed) Participants: -Ger Baron, CTO, City of Amsterdam (confirmed) -Mettina Veenstra, Research professor (lector) Smart Cities at Saxion (confirmed) -Gatis Ozols, Head of Information Society Development department, Ministry of Environmental Protection and Regional Development of the Republic of Latvia (confirmed)</p>
<p>12:15 - 13:00</p>	<p>Break</p>
<p>13:00 - 13:45</p>	<p>Panel discussion Topic: 5G Business Models (TowerCos / Neutral Host) Description: Everything is changing! When it come to asset ownership in mobile networks we see a fast transition to new business models. Towercos, Neutral hosts are some of the examples of the new order. In this panel session we will discuss the new models and what it means for network evolution and strategy. Moderator: Simon Fletcher, CTO, Real Wireless (confirmed) Participants: -Graham Payne, Executive Chairman, Freshwave Group (confirmed) - Andrew Conway, Director of Engineering, BAI Communications (confirmed) -Paolo Campoli, Vice President, Worldwide SP Segment Leader, CISCO (confirmed)</p>
<p>13:45-13:50</p>	<p>5 min Buffer</p>
<p>13:50 - 14:05</p>	<p>Ted Talk Topic: Cellular 2.0 : A Million Private Networks Description: The first 40 years of the cellular industry, Cellular 1.0, has seen centralized national-scale networks providing largely undifferentiated voice and data services to a national-scale audience. Cellular 1.0 reached a trillion dollars of industry revenue in 2011 and has flat-lined ever since, no matter what numeral is added before the “G”. Instead, the next trillion dollars of cellular industry revenues, Cellular 2.0, will come from millions of localized cellular networks connecting minds, machines and things – beginning with private 5G & LTE networks. As the center of gravity of the cellular industry shifts from public networks to private networks, how are you positioned for the move? Speaker: Nanda Menon, Director - Corporate Development, Athonet (confirmed)</p>
<p>14:05-14:10</p>	<p>5 min Buffer</p>



<p>14:10-14:25</p>	<p>Ted talk Topic: Sendai City Description: Sendai City in Japan is a fantastic example of how a modern city can use technology for various use cases. In this talk we will hear how they did it and what they plan to do next. Speakers: Barbara Noonan, Head of Government and Cities APAC, Nokia (confirmed)</p>
<p>14:25-14:30</p>	<p>5 min Buffer</p>
<p>14:30-14:45</p>	<p>Ted Talk Topic: Smart City Enablement in Italy Description: Infratel will describe the exciting case of Italy in deployment of fiber for next generation communications and the enablement of 5G. Speaker: Marco Bellezza, CEO, Infratel (confirmed)</p>
<p>14:45-14:50</p>	<p>5 min Buffer</p>
<p>14:50 - 15:35</p>	<p>Panel discussion Topic: 5G - bringing added value for society Description: Government regulators and city managers must decide whether and when to invest in 5G infrastructure; mobile and telecommunications operators must evaluate suitable business models; and citizens must find ways to realize the full benefits this technology can bring while ensuring the preservation of the community's rights. Moderator: Edmunds Beļskis, Chairmen of the Board, Latvia State Radio and Television Centre (confirmed) Participants: - Juris Binde, President, Chairman of the Board, LMT (confirmed) - Jurgis Poriņš, Professor, Dean of the Faculty of Electronics and Telecommunications, RTU (confirmed) - Barbara Pareglio, Senior Director, IoT Technology, GSMA (confirmed) - Jacob Groote, Executive Vice President 5G, KPN (confirmed) - Kaspars Rožkalns, Director General, Investment and Development Agency of Latvia (LIAA)(confirmed)</p>
<p>15:35-15:40</p>	<p>5 min Buffer</p>
<p>15:40 - 15:55</p>	<p>Fireside chat Topic: How a private wireless network is enabling mining automation? Description: A great sector for private wireless networks is mining where we see applications around the Globe from Australia to Europe to the Americas. In this exciting conversation we will hear from mining automation leader Sandvik and Nokia on how they are partnering to enable 5G solutions. Speakers: Marc Jadoul, Strategic Marketing Director, NOKIA Andreas Simoncic, Business Line Manager Automation, Northern Europe Sandvik Mining and Rock Technology (confirmed)</p>
<p>15:55-16:00</p>	<p>5 min Buffer</p>



<p>16:15-16:30</p>	<p>Ted Talk Topic: XR for 5G Description: Augmented and Virtual Reality are the first hot application of 5G which is promising new revenue. In this talk we will hear one of the market leaders on applications of XR in Medicine, Tourism, Manufacturing and more.. Speaker: Anthony Karydis, Founder & CEO, Mativision Limited (confirmed)</p>
<p>16:30-16:35</p>	<p>5 min Buffer</p>
<p>16:35 - 16:50</p>	<p>Fireside Chat Topic: Digital London Description: London is London and it is a center of innovation and digitalisation. In this talk we will hear from the Chief Digital Officer of the city on the many activities and plans of this amazing city. Speakers: Viesturs Celmiņš, Chairman of the Board, VEFRESH & Theo Blackwell, CDO, City of London (confirmed)</p>
<p>16:50-16:55</p>	<p>5 min Buffer</p>
<p>16:55 - 17:40</p>	<p>Panel discussion Topic: 5G Data Privacy & Ethics Dilemma Description: 5G should not just be a technology. It should look at the application and services on top of the network and identify where protecting controls could be added to allow customers more control of their data and when and how they use it. 5G could provide social networks with 360 degree tracking of individuals – for their benefit, not the necessarily the individuals. Moderator: Graham Thomas, Global Head of Data Privacy & Ethics, Cognizant (confirmed) Participants: -Mikko Niva, Global Privacy Officer, Vodafone (confirmed) -Dario Betti, CEO, MobileEcosystemForum (confirmed) -Eamonn O’Neill, Professor, Director, UKRI Centre for Doctoral Training in Accountable, Responsible and Transparent AI, University of Bath (confirmed) -Frank Wagner, Vice President, Group Privacy - Business, Services & Infrastructure, Deutsche Telekom (confirmed)</p>
<p>17:40-17.45</p>	<p>5 min Buffer</p>
<p>17:45-18:00</p>	<p>Ted Talk Topic: Are innovation districts worth the hype? Description: Does the true value of innovation districts lie in their marketing and ecosystem building capacity or do they actually contribute to solution commercialization? We turn to one of the oldest innovation districts in Europe to learn what from their 20 year experience can be applied to 5G innovation facilitation. Speaker: Johanna Engman, CEO, Kista Science City (confirmed)</p>
<p>18:00-18:05</p>	<p>5 min Buffer</p>



18:05-18:20	<p>Fireside Chat</p> <p>Topic: Who owns the liability in large mobility projects?</p> <p>Description: We are all dreaming of 5G applications in mobility but perhaps we are missing the elephant in the room. Everyone wants the revenue but who owns the liability if something goes wrong? The operator, the vendor, the insurance company? In this session we will find out (hopefully).</p> <p>Speakers: Andy Billington, Innovation & Sustainability specialist, Rail Baltica (confirmed) and Christian M. Theissen, Partner, White & Case LLP (confirmed)</p>
18:20-18:25	5 min Buffer
18:25-18:40	<p>Fireside chat</p> <p>Topic: 5G paves Latvias “Natural Playground”</p> <p>Description: With its diverse, adaptable environment and creative potential, Latvia is a great place to create, test and implement ideas. “Natural Playground” is one of three value propositions put forward in Latvia’s branding research phase. What is the role of 5G in creating the “Natural Playground”.</p> <p>Speaker: Jānis Nīgals, Director of Communication and Information Department and Ģirts Blumers, Director of Investment Project Department, Investment and Development Agency of Latvia</p>
18:40-18:45	5 min Buffer
18:45-19:00	<p>Ted Talk</p> <p>Topic: U.S. Policy on 5G Security</p> <p>Description:</p> <p>Speaker: Stephen Anderson, Acting Deputy Assistant Secretary for International Communication and Information Policy from the United States (confirmed)</p>



DAY 2 / TECHFLIX

Time	12.11.2020.
9:10 - 9:30	<p>Opening Plenary Session</p> <ul style="list-style-type: none"> - Kaspars Rožkalns, Director General, Investment and Development Agency of Latvia (LIAA) (confirmed) - Juris Binde, President, Chairman of the Board, LMT (confirmed) - Kenneth Fredriksen, Executive Vice President, CEE&Nordic European Region, Huawei (confirmed) - Hilary Mine, VP and Market Unit Leader, Nordics, Baltics, and Benelux / President, Nokia / Digital Europe (confirmed)
9:30-9:35	5 min Buffer
9:35-10:00	<p>Keynote</p> <p>Topic: Next generation 5G networks by CISCO</p> <p>Description: In this talk we will hear about topics concerning the architectural transitions and automation strategies that Cisco is driving in partnership with their customers such that next generation mobile networks can drive revenue growth, are more cost effective to deploy and operate and are tamper resistant ensuring trustworthy and secure infrastructure.</p> <p>Speaker: Michael Beesley, VP/CTO, Mass Scale Infrastructure Group, CISCO (confirmed)</p>
10:00-10:05	5 min Buffer
10:05 - 10:30	<p>Keynote</p> <p>Topic: Global update from 5G IA: Results from Horizon 2020</p> <p>Description: Horizon 2020 is almost closed and the 5G IA has the best view on the results of this important program. In this keynote we will hear the status and results of the key projects and activities.</p> <p>Speaker: Colin Willcock, Chairman, 5G IA (confirmed)</p>
10:30-10:35	5 min Buffer
10:35 - 11:00	<p>Keynote</p> <p>Topic: ENISA update in Cybersecurity</p> <p>Description: Dr. Ouzounis presentation will cover EU's effort in the area of 5G Security. More specifically, it will present the 5G toolbox and a few of its measures and draw a few conclusions about possible next steps.</p> <p>Speaker: Evangelos Ouzounis, Head of Secure Infrastructure and Services, European Union Agency for Cybersecurity (ENISA) (confirmed)</p>
11:00-11:05	5 min Buffer



<p>11:05 - 11:30</p>	<p style="text-align: center;">Keynote</p> <p style="text-align: center;">Topic: Focus areas for new funding of Horizon Europe</p> <p>Description: Horizon 2020 is closed, long live Horizon Europe. In this talk an expert will give us a sneak peak into the new coming budget that everyone is waiting for.</p> <p>Speaker: Rui Aguiar, Professor, Universidade de Aveiro, Networld2020 Steering Board (confirmed)</p>
<p>11:30-11:35</p>	<p style="text-align: center;">5 min Buffer</p>
<p>11:35 - 11:50</p>	<p style="text-align: center;">Ted Talk</p> <p style="text-align: center;">Topic: 5G Tower by American Tower</p> <p>Description: This is an exciting talk by a world leader on Telecom Real Estate. Join to learn the latest on neutral host fiber, neutral host indoor and outdoor small cell solutions, IoT, Smart City and Smart Building infrastructure solutions, power-as-a-service and edge computing.</p> <p>Speaker: Thomas Lebecque, SVP Innovation, American Tower (confirmed)</p>
<p>11:50-11:55</p>	<p style="text-align: center;">5 min Buffer</p>
<p>11:55-12:10</p>	<p style="text-align: center;">Ted Talk</p> <p style="text-align: center;">Topic: 5G: Game of Elephants or Business Opportunity for the Regular Guys?</p> <p>Description: Each wave of technology cycle brings more industry consolidation. We have seen it all as a carrier-grade Microwave Backhaul Point to Point radio manufacturer for over 20 years. For small and medium size companies the name of the game is “Innovate or die!” In my speech I will explore how SAF Tehnika has found it’s place in 5G world with Aranet 4 Covid-19 safety CO2 Wireless Sensors and mobile phone size 5G Spectrum Analyzers “Spectrum Compact.”</p> <p>Speaker: Janis Bergs, VP Sales & Marketing at SAF Tehnika (confirmed)</p>
<p>12:10-12:15</p>	<p style="text-align: center;">5 min Buffer</p>
<p>12:15-12:40</p>	<p style="text-align: center;">Keynote</p> <p style="text-align: center;">Topic: 5G and beyond for the Industrial IoT – What’s next?</p> <p>Description: Manufacturing represents one of the most interesting and promising new application domains addressed by 5G. In this talk, we will get an update on the status quo of Industrial 5G from one of the leading players in this field as well as some insights on what else is yet to come with B5G and eventually even 6G systems in future.</p> <p>Speakers: Andreas Mueller, Head of Communication and Network Technology, Robert Bosch (confirmed)</p>
<p>12:40-12:45</p>	<p style="text-align: center;">5 min Buffer</p>
<p>12:45-13:10</p>	<p style="text-align: center;">Keynote</p> <p style="text-align: center;">Topic: Global update Autonomous Vehicles</p> <p>Description: The 5GAA is the leading authority on Autonomous Vehicles. In this talk they will give us a Global update on when and how we will start to see this technology become real.</p> <p>Speakers: Johannes Springer, Director General, 5G AA (confirmed)</p>
<p>13:10-13:15</p>	<p style="text-align: center;">5 min Buffer</p>



<p>13:15-13:40</p>	<p style="text-align: center;">Keynote</p> <p>Topic: The first year of commercial 5G: Learnings from testing network performance and quality Description: After the hype and expectation of 5G, what is the actual Quality of Experience delivered to subscribers? Rohde & Schwarz has been measuring and analyzing the performance and quality of network deployments around the world, join this session to learn the reality of commercial 5G. Speaker: Florian Leeder, VP Market Segment Mobile Network Testing, Rohde & Schwarz (confirmed)</p>
<p>13:40-13:45</p>	<p style="text-align: center;">5 min Buffer</p>
<p>13:45-14:10</p>	<p style="text-align: center;">Keynote</p> <p>Topic: Digitally Transforming Industries in Europe Description: There is amazing energy towards the digitalization of sectors all across Europe and across industries. Here to tell us the latest is one of the leading organizations enabling this transformation. Speaker: Hilary Mine, VP and Market Unit Leader, Nordics, Baltics, and Benelux / President, Nokia / Digital Europe (confirmed)</p>
<p>14:10-14:15</p>	<p style="text-align: center;">5 min Buffer</p>
<p>14:15-14:30</p>	<p style="text-align: center;">Ted Talk</p> <p>Topic: 5G Laptops and Wearables Description: As the technology becomes more accessible, 5G will not only benefit mobile handsets, it will also play a major role in improving the connectivity of laptops and wearables. In this Ted Talk, we will discuss the benefits 5G will bring to devices and its impact on important matters such as school and university education. Speaker: Audrey Scozzaro Ferrazini, Senior Director Government Affairs Europe, Qualcomm (confirmed)</p>
<p>14:30-14:35</p>	<p style="text-align: center;">5 min Buffer</p>
<p>14:35-15:00</p>	<p style="text-align: center;">Keynote</p> <p>Topic: ETP-Alice update on 5G activities Description: The European Technology Platform ALICE ("Alliance for Logistics Innovation through Collaboration in Europe") is set-up to develop a comprehensive strategy for research, innovation and market deployment of logistics and supply chain management innovation in Europe. We will hear how the platform members currently use or plan to utilize 5G technologies to support and assist this important vertical which is of strategic importance for Europe. Speaker: Angelos Amditis, ETP-ALICE Executive Group, ICCS Research Director (confirmed)</p>
<p>15:00-15:05</p>	<p style="text-align: center;">5 min Buffer</p>
<p>15:05-15:30</p>	<p style="text-align: center;">Keynote</p> <p>Topic: Impact of 5G technology on the future resilience of defense Description: Processes of digitization and robotization are impacting every industry around us, and the defense industry is no different. To support these processes, a fast and flexible digital network is a cornerstone to development. And 5G delivers just that. LMT has been working in close cooperation with various national defense communities to develop tangible solutions for defense applications, which bolster the development of smart defense solutions in mission-critical industries. With the growing capabilities of mobile technologies, and 5G in particular, it has become clear that the best outcomes for smart defense solutions will be a result of multi-stakeholder efforts. By combing mobile operator R&D and experience, 5G networks, and national defense communities' on-the-ground input on requirements, it's possible to achieve improved efficiency, reduced costs, and stimulated resilience. Speaker: Ingmārs Pūķis, Vice President, Chief Marketing and Business Development Officer, LMT (confirmed)</p>

3rd BALTIC SEA REGION

5G ECOSYSTEM FORUM

RIGA, LATVIA | November 11 – 12, 2020

PH Y G I T A L E D I T I O N

5G TECHRITORY



15:30-15:35	5 min Buffer
15:35-16:00	<p>Keynote</p> <p>Topic: Internet of the Future by Cisco</p> <p>Description: Who better to talk about the Internet of the future than Cisco. In this exciting presentation they will let us know about their architectural approach to 5G : open vRAN, innovation, automation, cloud solutions etc. They will also give us their opinion on how to avoid vendor lock-in and share real case studies and customer stories.</p> <p>Speaker: Paolo Campoli, Vice President, Worldwide SP Segment Leader, CISCO (confirmed)</p>
16:00-16:05	5 min Buffer
16:05-16:20	<p>Ted Talk</p> <p>Topic: The Social Value of Spectrum</p> <p>Description: Does spectrum have a strong social value? Using spectrum can enable various application what can help society over all and bring valuable services to the citizens. In this talk we will hear from an expert on the topic.</p> <p>Speaker: Tim Miller, Partner, Plum Consulting (confirmed)</p>
16:20-16:25	5 min Buffer
16:25-16:50	<p>Keynote</p> <p>Topic: UAM/UAS - An Airborne Connectivity Odyssey</p> <p>Description: Uber has revolutionized several sectors and they are at it again with drones. This will be an exciting talk on their activities and plans for a drone world.</p> <p>Speaker: Greg Belaus, Network Infrastructure - Elevate, UBER (confirmed)</p>
16:50-16:55	5 min Buffer
16:55-17:20	<p>Keynote</p> <p>Topic: 5G KPN Launch, Experiences and Learnings (The Netherlands)</p> <p>Description: In this exciting talk one of the leading European operators will discuss their recent launch in the Netherlands and their 5G strategy overall. KPN has announced interesting 5G services including a priority service for enterprise and public users. We will also hear about their experiences and learnings.</p> <p>Speaker: Jacob Groote, Executive Vice President 5G, KPN (confirmed)</p>
17:20-17:25	5 min Buffer
17:25-17:40	<p>Ted Talk</p> <p>Topic: 5G for Defense</p> <p>Description: 5G gives possibility for vertical industries - How can 5G be adjusted to military needs? In this talk the Norwegian Defense Materials Agency will give their view on the uses and applications of 5G.</p> <p>Speaker: Kennet Nomeland, Radio System Architect , Norwegian Defence Materiel Agency (confirmed)</p>
17:40-17:45	5 min Buffer



<p>17:45-18:00</p>	<p>Ted Talk Topic: 5G Non-3GPP Access Security Description: In this talk we will hear about the trust models and the new Rel-16 feature of trusted access. This is also covering a very new concept where devices can access the 5G core network over WLAN without support of 5G NAS, e.g. a laptop. Speaker: Andreas Kunz, Senior researcher, Lenovo (confirmed)</p>
<p>18:00-18:05</p>	<p>5 min Buffer</p>
<p>18:05-18:30</p>	<p>Keynote Topic: 5G - The Catalyzer for the Ultimate Optical Fabric Description: The 5th generation of mobile broadband networks is based on the convergence between wireline and wireless technologies in access networks and is bringing significant changes in our life-styles. These changes in the core of the networks will evolve with the introduction of new applications like connected vehicles and smart infrastructures involving AI/ML, AR/VR, etc. 5G requirements also pushes the cloud and large scale data center providers to change their connectivity architecture, which will increasingly rely on a robust optical network fabric. In this talk, we will discuss how 5G is acting as the catalyzer for the evolution of the optical infrastructures at the edge of the network, as predicted by many in the past. Speaker: Claudio Mazzali, SVP & CTO - Optical Communications, Corning Optical Communications (confirmed)</p>
<p>18:30-18:35</p>	<p>5 min Buffer</p>
<p>18:35-19:00</p>	<p>Keynote Topic: 5G Security is journey, not destination by Huawei Description: 5G is mentioned by everyone. As well cybersecurity which is tied closely to 5G. But where is 5G coming, where it is going and what will change between those two points? Telecommunication, similar way as cyber security, is part of the evolution. Today 5G is the most secure telecom platform industry has made, but to understand the coming platforms we need to understand how evolution is working and why 5G is providing those security assets as it is providing. So let's see together, our security journey from 1G to 5G and beyond Speaker: Mika Lauhde, Vice-President Cyber Security & Privacy, Global Public Affairs, Huawei (confirmed)</p>