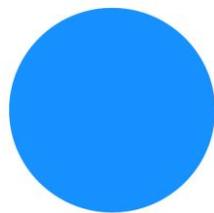


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**TALLINN DIGITAL SUMMIT  
29 SEPTEMBER 2017**

Draft Programme as of 28.09.2017

**29 September 2017, Tallinn Creative Hub**



## Programme for Heads of State and Government

### ARRIVALS

11.00 - 12.00 **Doorstep interview and handshake**

### SUMMIT OPENING

*Location: Digital Expo Area*

12.00 **Opening address**

by H.E. Ms Kersti Kaljulaid, President of the Republic of Estonia

12.10 – 12.30 **Guided tour at Digital Expo**

### SESSION 1: WORKING LUNCH ON FUTURE OF GOVERNMENTS AND SECURITY

*Location: Power Station*

12.30 **Keynote speech**

by Dr Jarno Limnéll, Professor of Cyber Security, Aalto University

12.45 – 15.00 **Working session**

### FAMILY PHOTO

*Location: Outside Creative Hub*

15.00 – 15.15 **Family photo**

### BREAK

15.15 – 15.45 **Break, Bilateral meetings**

### SESSION 2: WORKING SESSION ON FUTURE OF ECONOMY AND SOCIETY

*Location: Engine Hall*

15.45 – 15.55 **Tour de table**

16.00 – 16.10 **Keynote speech**

by Mr James Manyika, Chairman and Senior Partner at McKinsey Global Institute

16.10 – 16.15 **Video address to leaders by European executives**

16.15 – 18.15 **Working session**

### PRESS CONFERENCES

*Location: Media centre*

18.15- 19.15 **Press conferences / Exit doorstep**

18:15 – 18:45 Main press conference with, interpretation to English, Estonian, French and German  
Exit doorstep opportunity for HoSG who will not hold a press conference.

### EVENING PROGRAMME

19.30 – 23.00 **Dinner and Sting concert**

Dinner at Umami restaurant and Sting concert at Saku Suurhall hosted by Mr Jüri Ratas, Prime Minister of the Republic of Estonia, and Mrs Karin Ratas

## Programme for Delegates

11.00 – 12.00	Arrivals
12.45 – 14.45	Buffet lunch
12.00 – 17.45	Tech Talks at Timber Hall (details below)
12.45 – 18.00	Possibility to visit the Digital Expo area
18.15 – 19.15	Press conferences at the media centre
18.00 – 20.00	Buffet dinner

## Tech Talks at Tallinn Digital Summit

The Tech Talks sessions are chaired by Mr Marten Kaevats, the national digital advisor in the Government Office of Estonia. Tech Talks will be held in English (no interpretation provided).

*Location: Timber Hall*

### TECH TALK ON THE FUTURE OF E-GOVERNMENT

12.00 – 13.30	<p><b>Session description:</b> The digital age asks more from governments than ever before. Governments should strive to provide their existing services to citizens and companies more efficiently, as well as to offer them in more secure and innovative ways. There is an increasing demand for cross-border public services. Is the EU up to the task?</p> <p><i>Session moderated by Mr Siim Sikkut, Government CIO of Estonia</i></p>
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12.00 – 12.10	<p><b>Opening address</b></p> <p>by H.E. Ms Kersti Kaljulaid, President of the Republic of Estonia (<i>broadcast</i>)</p>
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12.15 – 12.35	<p><b>One-on-one with H.E. Ms Kersti Kaljulaid, President of the Republic of Estonia</b></p> <p>‘How did Estonia Become the Digital Frontrunner?’</p>
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12.35 – 13.30	<p><b>Panel discussion</b></p> <p>The member states’ perspective – What are the key challenges in the field of eGovernment? What is the short-term and long-term view for eGovernment in member states?</p> <p>Panellists:</p> <ul style="list-style-type: none"> <li>• Mr Diego Piacentini, Government Commissioner for the Digital Agenda (IT)</li> <li>• Mr Aleksi Kopponen, Special Advisor, Public Sector ICT (FI)</li> <li>• Mr Ondrej Maly, Digital Agenda Coordinator (CZ)</li> </ul> <p>Q&amp;A with the audience</p>
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### TECH TALK ON THE FUTURE OF TRUST AND SECURITY

13.30 – 14.45	<p><b>Session description:</b> Cybersecurity is crucial for both our prosperity and our security. Alongside new economic models and new jobs, the digital revolution has also brought opportunity for the “bad guys”. However, where there is risk, there is also opportunity. The big question is: how can cyber security serve as an enabler for trust and confidence in a free and open internet and society?</p>
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*Session moderated by Mr Taimar Peterkop, Director General of the Estonian Information System Authority*

13.30 – 14.00

### **Keynote speech**

by Dr Jarno Limnéll, Professor of Cyber Security, Aalto University

### **Fireside chat with Dr Jarno Limnéll**

14.00 – 14.45

### **Panel discussion**

The member states' perspective – How can we ensure the highest level of resilience of digital infrastructures, for both competitiveness as well as in the face of changing threats.

Panellists:

- Mr Ciaran Martin, Chief Executive of the UK's National Cyber Security Centre (UK)
- Mr Mounir Mahjoubi, Secretary of State in charge of Digital Affairs (FR)

Q&A with the audience

## **TECH TALK ON THE FUTURE OF INDUSTRY, SOCIETY AND SKILLS**

16.00 – 17.15

**Session description:** Digital technologies are shaping how we work, live and do business. The question is: how can the EU embrace digital technologies? How will the EU be able to maximize the benefits of the data economy while overcoming the skills gap in this changing landscape?

*Session is moderated by Mr Linnar Viik, Co-Founder and Programme Director at the Estonian eGovernance Academy*

16.00 – 16.10

### **Keynote speech**

by Mr James Manyika, Chairman and Director of McKinsey Global Institute (*broadcast*)

16.10 – 16.15

**Video address** by European executives (*broadcast*)

16.15 – 16.30

### **Fireside chat with Mr James Manyika**

16.30 – 17.15

### **Panel discussion**

The member states' perspective – What should we do to make the EU the headquarters for global digital companies and attract investments? How can we overcome the skills gap and nurture a highly-skilled workforce and digitally literate citizens?

Panellists:

- Dr Lars-Hendrik Röller, Chief Economic Advisor to the Government (DE)
- Mr Krzysztof Szubert, Secretary of State, the Government Plenipotentiary for Digital Single Market. Institution: Ministry of Digital Affairs (PL)

Q&A with the audience

## **SITUATIONAL OVERVIEW OF THE DIGITAL SINGLE MARKET**

17:30 – 17:45

### **Interview with Mr Roberto Viola, Director-General for DG CONNECT**

**Session description:** Half-way through the Digital Single Market strategy, it is the right time to speak about the process behind and the plans for the future.

*Interview conducted by Mr Siim Sikkut, Government CIO of Estonia*

## Curated Technology Exhibition at Tallinn Digital Summit

*Location: Digital Expo Area*

The future is cunningly sneaking up on us. Rapid advances in science and technology are reprogramming not just our way of life, but life itself. From health to industry to democracy, no aspect of our society will be left untouched. Steam mechanised production, electricity added massive scale, and computers automated it. These leaps profoundly changed society and the nature of work. The fourth industrial revolution is gearing up. Artificial intelligence, robotics, and the Internet of Things will bring even faster change - in ways that are as yet unimaginable. There is still much to do. Be it 5G, the end of geoblocking, or better regulation and international cooperation. Nonetheless, we think this selection of projects will offer an inspiring glimpse into the world of tomorrow.

Tallinn Digital Summit presents a curated technology exhibition featuring a number of innovative projects and technologies from across Europe in 5 focus areas:

### **(1) E-government: The backbone of digital society**

Digital government is a key component of digital society. Europeans expect convenient, transparent, and secure government services that work across borders. This requires more than technology. We need new service-design principles, ones that apply 'digital first' thinking to public services. To migrate to digital services, both public and private, Europeans need secure digital identities we can trust. We'll then authenticate ourselves and sign documents on our nearest screen, leaving more room for the rest of our lives.

*Exhibits: overview on the cyber security activities in Europe, cross-border e-government building blocks and e-ID developments, introduction to the Estonian e-residency concept, blockchain technology introduction by Guardtime, EU Council Presidency Translator*

### **(2) Connectivity: Devices that know each other**

We all know that it's coming. A world where you can download anything in seconds, your home is smart enough to know your needs, and you're whisked across town without a driver in sight. This is the world of 5G broadband. Spinning beach balls and hourglass icons won't do. High-capacity networks are a must for a proper digital economy. They will bring more mobility, agility, reliability and low-latency remote control for both industrial and everyday use. With bandwidth bottlenecks gone, we can finally weave physical and digital realms together. Hello, self-driving cars, virtual reality, delivery drones, and billions of interconnected devices.

*Exhibits: 5G enhanced virtual and mixed reality experiences by Nokia and Telia, and 5G excavator by Telia.*

### **(3) Mobility: Smarter and safer transportation**

Humans are notoriously unreliable behind the wheel. If we want safer roads, intelligent and autonomous vehicles will help. Our cars are already smarter than ever, and self-driving vehicles and public transport are being road-tested across Europe. The goal? Safer roads, better traffic management, smarter freight

management and logistics. But also cleaner, more loveable cities. For all this, we must build a trusting relationship between people and machines.

*Exhibits: Audi autonomous driving concept car and intelligent personal assistant, BMW's CarData and Cooperative Intelligent Transport System platforms allowing better decision-making for drivers and safer traffic on roads, and Starship zero-emission delivery robots.*

#### **(4) From lab to life: New research and innovation**

Europeans are aging. We live longer and need to remain healthy longer. Technology must serve and empower our minds and bodies. From research to patient care, numerous projects are poised to deliver on that promise. Scientific breakthroughs are nudging their way into real life. With more smart technology, new efficient materials and task automation, being old isn't what it used to be.

*Exhibits: 3D printed artificial heart, Cyberlegs exoskeletons, brain research by Human Brain Project, and innovative nanomaterials by Graphene Flagship.*

#### **(5) Skills: Empowering the workforce**

Automation and digitalisation will mean smarter jobs. To keep up with the demand for skills, we must provide opportunities to get them. The digital workforce needs a broader skill set that includes learnability, problem-solving, critical thinking, and entrepreneurship. Automation will free up both people and capital. At the same time, the shelf life of acquired skills is getting shorter. 65% of kids starting school today will land jobs that don't exist yet. They'll be acquiring several skillsets and pivoting into new careers over their (much-longer) lifetimes. Europe's education systems must be reimagined to support that.

*Exhibits: De-Enigma autism therapy robots, Hello Ruby computational thinking enhancing tools for children, various minirobots teaching the basic programming skills, Codeweek coding activities, Lingvist – AI powered language learning, and the power of supercomputers by PRACE.*



TALLINN DIGITAL SUMMIT  
29 SEPTEMBER 2017

## Pre-Programme for 28 September 2017

### Heads of State and Government

28.09.2017 21.00

**Informal dinner at Kadriorg Art Museum** (Weizenbergi 37, Tallinn), co-hosted by Mr Jüri Ratas, Prime Minister of Estonia, and H.E. Mr Donald Tusk, President of the European Council

### Delegates

28.09.2017 21.00

**Informal dinner at Seaplane Harbour** (Vesilennuki 6, Tallinn) hosted by Mr Siim Sikkut, the Chief Information Officer of Estonia

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