

02.06.23 UPDATED

Day 1 (12 June) – Digitalisation and cybersecurity

Theme: The interrelationship between digitalisation and cybersecurity as mutual enablers.
Key concepts of cybersecurity and national cybersecurity

Moderator of the day: **Tanel Sepp**, Ambassador at Large for Cyber Diplomacy at the Ministry of Foreign Affairs of Estonia

| Morning session 9:00-13:15 Ministry of Foreign Affairs | |
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| 09:00-9:30 | Registration and gathering |
| 9:30-10:15 <i>45 min</i> | <p>Opening remarks</p> <ul style="list-style-type: none"> Estonian Ministry of Foreign Affairs. Tanel Sepp, Ambassador at Large for Cyber Diplomacy at the Ministry of Foreign Affairs of Estonia European Commission – Miguel Angel Exposito Verdejo (DG INTPA) e-Governance Academy. Hannes Astok, Executive Director and Chairman of the Management Board |
| 10:15-11:00 <i>45 min</i> | <p>The case for digitalisation and cybersecurity. Digitalisation and cybersecurity as enablers. Why does digitalisation matter, why does cybersecurity matter to digitalisation?</p> <p>Carmen Raal, Digital Transformation Adviser, E-Estonia Briefing Center</p> |
| 11:00 - 11:30 | Coffee break/networking |
| 11:30-12:30 <i>60 min</i> | <p>Fundamentals of cybersecurity. Fundamental concepts of digital technology and cybersecurity. Cybersecurity from an organisational and national perspective</p> |

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| | Nele Leosk , Ambassador-at-Large for Digital Affairs, Estonian Ministry of Foreign Affairs |
| 12:30-14:00 | Lunch |
| Afternoon session 14:00-16:30 Hotel L'Embitu | |
| 12:30-14:00 | National cyber threat landscape. Vulnerabilities and threats, threat actors and risks. Tõnu Tammer , Executive Director of CERT-EE, Estonian Information System Authority |
| 15:00-15:45 <i>45 min</i> | Global cyber threats and trends. Insights from global defenders in Industry Nikolas Ott , Government Affairs Manager – Cybersecurity and Digital Diplomacy European Government Affairs (Microsoft) |
| 15:45-16:30 <i>45 min</i> | The long road to cooperation in Cyberspace. Toomas Hendrik Ilves , President of Estonia (2006–2016) |
| Evening programme 17:00-22:30 | |
| 17:00-19:00 | Guided tour in Tallinn Old Town bus/walking The point of gathering for the tour is the L'Embitu Hotel lobby (Address: Lembitu 12) The tour starts at 17:00, so we recommend that you show up five minutes early. |
| 19:00-20:00 | Fireside chat with Linnar Viik , information technology scientist, entrepreneur and IT visionary and Luukas Ilves , Government Chief Information Officer of Estonia. Location: Pop ja Contemporary Art Museum POCO (Rotermanni 14) |
| 20:15 - | Dinner in YANU Robot bar (Rotermanni 14) |

Day 2 (13 June) – International cybersecurity and responsible state behaviour

Theme: International cybersecurity and stability frameworks and their application

Moderator of the day: **Kerli Veski** (EST MFA)

Morning session | 9:00-13:15 | Ministry of Foreign Affairs

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| 8:30 | Gathering in the hotel lobby, walk to the Ministry of Foreign Affairs of Estonia |
| 9:00-9:10 <i>10 min</i> | Opening keynote Margus Tsahkna , Minister of Foreign Affairs of Estonia |
| 9:10-9:45 <i>35 min (incl. Q&A)</i> | The international cyber stability framework. The cyber stability framework: cyber norms, international law, confidence building measures, capacity building. Importance, progress to date, challenges, and outlook. Briony Dale Whitworth , Ambassador for Cyber Affairs & Critical Technology, Australia (virtual) |
| 9:45-10:20 <i>35 min (incl. Q&A)</i> | Protecting and promoting human rights online and offline Minna-Liina Lind , Deputy Permanent Representative at the Mission of Estonia to the UN, Ministry of Foreigner Affairs |
| 10:20-11:00 <i>40 min (incl. Q&A)</i> | Norms of responsible. State behaviour and confidence building measures. Heli Tiirmaa-Klaar , Director of Digital Society Institute, ESMT Berlin |
| 11:00-11:30 | Coffee break/networking |
| 11:30-12:30 <i>60 min (incl. Q&A)</i> | International law in cyberspace. International law applicable to state cyber activities in peacetime and conflict Liisi Adamson (CCDCOE) / Przemyslaw Roguski (ICRC) |
| 12:30-14:00 | Lunch |
| Afternoon session 14:00-17:00 Ministry of Foreign Affairs | |
| 14:00-14:45 <i>45 min (incl. Q&A)</i> | UN Programme of Action. Implementing the cyber stability framework Ingmar Snabili , Senior Policy Officer of Security Policy Department International Cyber Policies of Ministry of Foreign Affairs, Kingdom of the Netherlands |
| 14:45-15:30 <i>45 min (incl. Q&A)</i> | Cybersecurity capacity building in practice: Regional priorities, challenges, and lessons learned. Christopher Painter , President of the GFCE Foundation Board |

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| 15:30-16:00 | Coffee break/networking |
| 16:00-17:00 <i>60 min</i> | Panel discussion: Cyber ambassadors' perspective Heli Tiirmaa-Klaar , Director of Digital Society Institute, ESMT Berlin / Briony Dale Whitworth . Discussion led by Tanel Sepp . |
| Evening programme 18:00-22:30 | |
| 18:00 | Gathering at the L'Lembitu hotel lobby. Transfer to Estonian Open Air Museum |
| 19:00-20:00 | Fireside Chat. Technology and the future. Opportunities and challenges of technology today and in the future. Dilemmas for national security and approaches to future-proofing Mikko Hyppönen , global security expert, WithSecure |

Day 3 (14 June) – Enforcing cybersecurity frameworks

Theme: Deterrence through resilience and response

Moderator of the day: Erki Kodar, Undersecretary for Legal and Consular Affairs at the Ministry of Foreign Affairs of Estonia

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| Morning session 9:00-12:00 Hotel L'Embitu | |
| 9:00-9:45 <i>45 min (incl. Q&A)</i> | State accountability and cyber deterrence. What are they and why are they needed? Taylor Grossman , Cyber Policy at ETH Zurich |
| 9:45-10:30 <i>45 min</i> | Panel discussion. Attribution of State cyber activity. Legal, technical, and political considerations of attributing cyber operations Samantha Seller , Foreign and Commonwealth Office / Tanel Sepp , Ambassador at Large for Cyber Diplomacy, Estonian MFA / Carl Fredrik Wettermark , Coordinator for Cyber Affairs and New Technologies, Sweden MFA |
| 10:30-11:00 | Coffee break/networking |
| 11:00-12:00 <i>60 min (incl. Q&A)</i> | Mechanisms of State accountability. Case studies from the European Union and NATO |

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| | Thorwald Eirik Kaljo , Counsellor for Digital and Cyber Affairs, Permanent Representation of Estonia to the EU/ Amy Ertam , Cyber and Hybrid Policy Officer at NATO. Moderated by Erki Kodar |
| 12:00-13:00 | Lunch |
| Afternoon session 13:00-16:00 CR14 | |
| 13:00-13:30 | Gathering in the hotel lobby and walk to CR14 |
| 13:30-14:00 <i>30 min (incl. Q&A)</i> | Building national cyber resilience: Objectives, principles, and architecture of national cybersecurity from a national perspective Liisa Past , National Cyber Director of the Ministry of Economic Affairs and Communications |
| 14:00-14:30 <i>30 min (incl. Q&A)</i> | Public-private cooperation: How should the state and private sector work together for resilient essential services and infrastructure? Oliver Väärtnõu , CEO of Cybernetica |
| 14:30-14:45 | Coffee break/networking |
| 14:45-15:15 <i>30 min (incl. Q&A)</i> | Presentation of CR14 cyber ranges Siim Alatalu , CEO of CR14 |
| 15:15-16:00 <i>45 min (incl. Q&A)</i> | Cyber defence: The role of military cyber defence in national cybersecurity. Mihkel Tikk , Deputy Commander of Estonian Defence Forces Cyber Command |
| Evening programme 16:00-18:00 | |
| | Transfer to the field visit in two groups: |
| 16:30 – 18:00 | Group A – Field visit to the Estonian Parliament. Meeting with Parliament Members |
| 16:30 – 18:00 | Group B – Field visit to NATO Cooperative Cyber Defence Centre of Excellence (CCDCOE). Meeting with Mart Noorma , Director of CCDCOE |
| | Transfer to the PROTO INVENTION FACTORY |

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| 18:30 - | <p>Fireside chat.</p> <p>Kersti Kaljulaid, President of Estonia (2016-2021) interviewed by journalist Indrek Lepik.</p> <p>Dinner</p> |
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Day 4 (15 June) – Cyber capacity building and improving cyber resilience

Theme: Contributing to and benefitting from cybersecurity capacity building

Moderator of the day: **Merle Maigre**, Programme Director of Cybersecurity at e-Governance Academy

| Morning session 9:00-12:00 Hotel L'Embitu | |
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| 9:00-9:15 <i>15 min</i> | <p>Contextualising capacity building. Aspects, approaches and strategies</p> <p>Merle Maigre, Programme Director of Cybersecurity at e-Governance Academy</p> |
| 9:15-10:15 <i>60 min</i> | <p>Panel Discussion: Cybersecurity capacity building in practice: Regional priorities, challenges, and lessons learned</p> <p>Anat Lewin, World Bank (virtual) / Sithuraj Ponraj, ASEAN (virtual) / Agnese Sollero (DG INTPA) / Liina Areng (EU CyberNet) / Moderated by Merle Maigre</p> |
| 10:15-10:30 | Coffee break/networking |
| 10:30-11:30 <i>60 min</i> | <p>Cyber resilience in practice: a national perspective.</p> <p>Conversation between Anton Demokhin, Deputy Foreign Minister of Ukraine, Chief Digital Transformation Officer / Mika Kerttunen, Cyber Policy Institute and Adjunct Professor in military strategy Finnish National Defence University.</p> |
| 11:30-13:00 | Lunch |
| Afternoon session 13:30-16:30 Hotel L'Embitu | |
| 13:30-14:30 <i>60 min</i> | <p>International organisations' policy on cybersecurity</p> <ul style="list-style-type: none"> • Szilvia Toth, Cyber Security officer OSCE (virtual) • Ene Višnev, Policy Officer at European External Action Service |

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| 14:30-15:00 | Coffee break |
| 15:00-16:30 <i>90 min</i> | <p>Cybersecurity capacity building masterclass: How to be strategic about international cooperation in building national cyber resilience and strengthen participation in international cyber diplomacy?</p> <p>Lauri Luht, Head of Eastern Partnership in ESTDEV / Merle Maigre, Programme Director of Cybersecurity at e-Governance Academy</p> |
| Evening programme 17:30-22:00 | |
| 17:30 | Transfer to harbour and boat trip on Tallinn Bay, dinner (optional) |
| | Transfer back to the hotel L'Embitu / Radisson SAS Olümpia |

Day 5 (16 June) – Table-top cybersecurity exercise and wrap up

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| Morning session 9:00-12:30 Hotel L'Embitu | |
| 09:00-12:30 <i>2 x 90 min</i> | <p>Table-top cybersecurity exercise.</p> <p>Andrus Kivisaar, Co-Founder and Chief Executive Officer of CybExer Technologies/Co-Founder of RiskSight</p> <p>Lauri Almann, Co-Founder and Chairman of the Board of CybExer Technologies/Co-Founder of RiskSight</p> <p>Rainer Saks, Member of the Executive Board of CybExer Technologies/Senior Advisor in RiskSight</p> <p>Including Coffee break/networking</p> |
| 12:30-13:30 | Lunch |
| 13:30 | Gathering at the Hotel lobby. Walk to the MFA |
| Afternoon session 14:00-16:00 Ministry of Foreign Affairs | |
| 14:00-16:00 <i>120 min</i> | <p>Conclusions of the Summer School, handover of diplomas.</p> <ul style="list-style-type: none"> • Tanel Sepp (Estonian Ministry of Foreign Affairs) • Agnese Sollero (DG INTPA) • Hannes Astok (e-Governance Academy) <p>Closing remarks. Märt Volmer <i>Undersecretary for Global Affairs</i></p> |

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| 16:00 – 17:30 | Networking reception |
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