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Bulgarian Presidency of the Council
of the European Union

CYBERSECURITY CHALLENGES CONFERENCE

26 March 2018

National Palace of Culture, Hall 3

Sofia, Bulgaria

26 March 2018 /Monday/

8:00 – 9:00

Registration at the reception desk – entrance A4, National Palace of Culture;

9:00 – 9:30

Opening Session

Following the Bulgarian EU Presidency initiative to promote Bulgarian language and Cyrillic, only the Opening Session will be performed in Bulgarian – interpretation will be provided.

Bulgarian is the first Slavonic language with its own alphabet introduced in the 9th century. From 1 January 2007, the Cyrillic alphabet is the third official alphabet in the European Union after the Latin and the Greek alphabets.

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- **Tomislav Donchev**, Deputy Prime Minister, Bulgaria;
 - **Ivaylo Moskovski**, Minister of Transport, Information Technology and Communications, Bulgaria;
 - **Atanas Temelkov**, Chairman of State eGovernment Agency, Bulgaria;
 - **Maria Gabriel**, Commissionaire Digital Economy and Society, EC.

9:30 – 11:00

Panel 1: European Cybersecurity Ecosystem

Concept: *Nowadays living in the interconnected digital world, one of the key messages we need to learn for cyber and internet security is that every sector of society – government, CSERTs, business, the public, and law enforcement – has a role to play. Any security system is only as strong as its weakest link, and to successfully ensure cyber security, a transparent and co-ordinated landscape is required with common standards, where information sharing is actively encouraged. This panel will focus on the EU Cybersecurity ecosystem components and includes the positions of the leading institutions representing the key pillars of the Cybersecurity strategy. Questions to answer:*

- *Can we talk about EU Cybersecurity ecosystem? What is it and what are the main components of it? Is it in balance?*



- *How the EU Cyber Package contributes to that? What are the new initiatives to bring more stability?*
- *What are the strategic priorities targets and the ways to achieve them?*
- *How do Member States meet the expectations to participate and contribute to the EU Cyber security strategic priorities?*
- *What role do each of the relevant stakeholders need to play? What role for the business?*

Moderator:



Ms Gergana Passy

Gergana Passy is a Digital Champion of Bulgaria (2012-); Founder and President of Digital National Alliance; Founder & President of PanEuropa Bulgaria; Vice President of International PanEuropean Union; EU Minister of Bulgaria (2007-2009); Deputy Foreign Minister in two Governments (2004-2005 and 2005-2007); Member of Parliament in two Legislations (2001-2004 and 2005); Before that she practice or trained law.

Speakers:

- **Despina Spanou**, Director for Digital Society, Trust and Cybersecurity, DG CONNECT, European Commission;
- **Udo Helmbrecht**, Executive Director, ENISA;
- **Steven Wilson**, Head of EC3, European Cybercrime Centre, Europol;
- **Taimar Peterkop**, Director General of the Information System Authority (RIA), Tallinn, Republic of Estonia;
- **Luigi Rebuffi**, Secretary General, European Cyber Security Organisation (ECSO).

11:00- 11:30

Coffee break

11:30 - 11:45

Keynote: *“Opportunities and Challenges to Securing the Internet of Things”*

- **Jeff Greene**, Senior Director, Global Government Affairs & Policy at Symantec.



11:45 – 13:15

Panel 2: Internet Security

Concept: *This panel will focus on the international aspects of the cybersecurity presenting the global issues of Internet security policy. Questions to consider:*

- *An Introduction to Internet Security. What is the scope of Internet security? What are the major issues to be addressed?*
- *Internet security policy and how to get everyone involved?*
- *Global vs. International – is that an issue?*
- *Technological aspects of the Internet Security? How to bring together technology and policy? Specific technology solutions – IPv6 and DNSSEC case studies.*
- *Specifics of regional policies – South Eastern Europe.*

Moderator:



Plamen Russev is a Serial Entrepreneur with proven success record in developing business ventures in multicultural and challenging business environments. He is founder and organizer of the Global Webit Series of events. Experienced consultant on the emerging markets digital agenda, e-governance and IT with more than 19 years' experience. Mr Russev is a founder of Webit Ambassadors Foundation and member of the Honorary Board.

Speakers:

- **Jean-Jacques Sahel**, Vice President ICANN, Stakeholder Engagement & Managing Director – Europe;
- **Dr. Tatiana Tropina**, Senior researcher at the Max Planck Institute for Foreign and International Criminal Law, Freiburg, Germany;
- **Vesselin Arnaudov**, Director of Advanced Development Center at VMware;
- **Vladimir Radunovic**, Director, Cybersecurity and E-diplomacy, DiploFoundation;
- **Daniel Kalchev**, Technical Director and Owner, Digital Systems Ltd, Register.BG Ltd.

13:15 - 13:20

Family photo opportunity

13:20 - 14.45

Lunch buffet – restaurant „Sky Plaza”, National Palace of Culture

14:45 - 16:15

Concept: *This panel will focus on the issues of building the EU operational capability to respond*

Panel 3: Achieving Cyber Resilience – crisis response management at technical and operational level

collectively to large-scale attacks. Questions to answer:

- *What are the principles of the operational coordination between Member States?*
- *How to match resources and competence of the advanced countries to underdeveloped Member States?*
- *Incident handling challenges during a cybersecurity crisis - procedures supporting the detection, analysis and containment of an incident and the response to it;*
- *State of play of monitoring and surveillance of incident including continuous analysis of threats and risks;*
- *Consequences and impact assessment at EU level and possible mitigating actions;*
- *What is the role of ENISA and other EU institutions to build and maintain a coordination mechanism for collective response?*
- *Leaders, champions, coordinators, or managers? What roles need to be assumed and by whom?*

Moderator:



Steve Purser -Head of Core Operations Department, ENISA

Steve Purser joined ENISA in December 2008 and is currently responsible for all operational activities of the Agency. He is currently a member of several Steering Boards and Advisory Committees, including notably the Steering Board of the CERT EU and the Programme Board of the EU Cyber Crime Centre. In the area of standards, he is the ENISA representative on the ISO SC 27 working group. As Head of Core Operations, he regularly represents ENISA in international conferences on information security.

Speakers:

- **Aristotelis Tzafalias**, Trust and Security Unit, Directorate General for Communications Networks, Content & Technology (DG CONNECT) EC;
- **Reinhard Posch**, CIO for the Federal Government of Austria;
- **Ken Ducatel**, Head of CERT-EU (Acting);
- **Cyril Cuvillier**, Deputy Director for External Relations and Coordination, ANSSI (Agence nationale de la sécurité des systèmes d'information);
- **François Lavaste**, Head of Cyber Security at Airbus Defence and Space;

16:15 – 16:45

Coffee break

16:45 - 18:15

Panel 4: Changing the mindset - way to gain true cyber resilience through cooperation at the strategic, political level

Concept: *This panel will discuss the problem of collective response to large scale attacks at political level: Questions to answer:*

- *Strategic and political management of both cyber and non-cyber aspects of the crisis including measures under the Framework for a Joint EU Diplomatic Response to Malicious Cyber Activities ("cyber diplomacy toolbox");*
- *Lawful actions and coordination channels?*
- *What are the cooperation issues and how to address them, the challenges at political level?*
- *Diplomacy tools and the role of EU?*
- *Public communication of crisis? Particularly important in cybersecurity is the dissemination of accurate actionable information on how the public can mitigate the effects of an incident (e.g. applying a patch, taking complimentary actions to avoid the threat etc);*
- *EU-NATO cooperation: Exchange of concepts on the integration of cyber defence aspects into planning and conduct of missions and operations;*
- *Harmonize training requirements and open training courses for mutual staff participation; Foster Cyber Defence Research and Technology Innovation cooperation; Strengthen cooperation in cyber exercises.*

Moderator:**George Sharkov - Adviser on cyber defence to the Minister of Defence of the Republic of Bulgaria**

George Sharkov was assigned on the position of National Cybersecurity Coordinator from 2014 to 2017, and adviser in Prime Minister Office in 2017. He was leading the work on the National Cyber Security Strategy, adopted in 2016.

He has PhD in Artificial Intelligence, more than 15 years in software and IT security industry, now he is also a Director of the European Software Institute - Center Eastern Europe (ESI-CEE), Head of a Cyber Resilience Lab and lecturer at 3 universities.

Keynote:

- **Sir Julian King**, Commissioner for the Security Union, EC; (video message)

Speakers:



- **Christian Lifländer**, Head Cyber Defence Section, Emerging Security Challenges Division at the NATO Headquarters;
- **Christopher Stace**, Head of Unit, Information Superiority from the Capability, Armament & Technology Directorate, European Defense Agency (EDA);
- **Arne Schönbohm** -President of the Federal Office for Information Security (BSI);
- **Michel van Leeuwen**, Head of the Cyber Security Policy Division, Ministry of Justice and Security, The Netherlands;

18:15 -18:30

Closing remarks

- **Krasimir Simonski**, Deputy Chairman, State e-Government Agency, Bulgaria.

19:00

Bus departure to the dinner venue

19:30

Dinner (panoramic view restaurant “At the Eagles”)

21:00

Available bus departure to the hotels