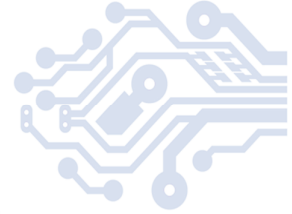


the 2019 innovations dialogue.



DIGITAL TECHNOLOGIES & INTERNATIONAL SECURITY

19 August 2019 | 9:00 – 18:00
Palais des Nations, Geneva, Conference Room XVII
agenda as of 23 July 2019

8:30 – 9:00 **Registration and Coffee**

9:00 – 9:30 **Opening Remarks**

Renata Dwan, UNIDIR
Ambassador Pankaj Sharma, India
Ambassador Peter Andreas Beerwerth, Germany

9:30 – 10:20 **Digital Innovations and the Global Security Landscape**

How will digital technologies transform international security? What are the characteristics of these innovations that make them challenging to consider through an international security, arms control and disarmament lens?

Dawn H. Thomas, CNA and Cybersecurity Futures 2025 Project
Lim May-Ann, Asia Cloud Computing Association
Kerstin Vignard, moderator

10:20 – 10:30 **Coffee “to go”— move to Tech Track rooms**

10:30 – 12:15 **Tech Track Break-out Sessions**

These interactive sessions will give participants an initial appreciation of the risks and benefits of these innovations. What are they? How do they work? What implications does their development and diffusion have for international security and stability?

- ❖ **Track 1: Quantum Computing**
Elsa B. Kania, Center for a New American Security
Patrick Towa Nguenewou, IBM Research
- ❖ **Track 2: Distributed Ledger Technologies (DLT)**
Suzana Maranhão, Brazilian Development Bank
Bitange Ndemo, Blockchain and AI Taskforce Kenya
- ❖ **Track 3: Internet of Things (IoT)**
Jan Peter Kleinhans, Stiftung Neue Verantwortung
TBC

12:15 – 12:20 **Return from Tech Tracks**

The Innovations Dialogue responds to the request of Member States in A/RES/73/32 that UNIDIR convene a one-day focused informal seminar on the role of science and technology in the context of international security and disarmament

- 12:20 – 13:00** **Fireside Chat: Security Implications of Artificial Intelligence Beyond Weapon Systems**
- A moderated discussion on how AI and machine learning may impact:*
- ❖ *prevention and escalation management of cyber conflicts*
 - ❖ *strategic command and control systems*
 - ❖ *data analysis for strategic decision-making*
- Kobi Leins**, University of Melbourne
Arun Sukumar, Observer Research Foundation
Lydia Kostopoulos, moderator
- 13:00 – 15:00** **Lunch Break** (*sandwich lunch provided*)
- 15:00 – 15:15** **Brief report backs from the Tech Tracks — insights and open questions**
- 15:15 – 16:30** **Digital Innovations for International Security and Disarmament**
- This panel will explore current or near-term beneficial applications of digital innovations, through concrete examples and real use cases.*
- Quentin Ladetto**, Armasuisse
Elina Martikka, Finnish Radiation and Nuclear Safety Authority
Benjamin Ang, Nanyang Technological University
Alejandro Hernandez, Organisation for the Prohibition of Chemical Weapons
Giacomo Persi Paoli, moderator
- 16:30 – 16:45** **Coffee Break**
- 16:45 – 17:45** **Concluding Discussion: International Security in the Digital Age**
- An open moderated discussion on:*
- ❖ *How can the risks and benefits of digital innovations be better integrated across all disarmament discussions?*
 - ❖ *How can the participation of technical specialists and other stakeholders —particularly from the private sector and the research community — be better incorporated in security discussions of digital innovations?*
- Renata Dwan**, moderator
- 17:45 – 18:00** **Closing Remarks**
- Izumi Nakamitsu**, High Representative for Disarmament Affairs
Ambassador Felix Baumann, Switzerland
TBC, Qatar
- 18:00 – 19:30** **Reception**