The strategic and security implications of artificial intelligence

Exclusive conference by Dr. Jean-Marc Rickli for Rotaract and Rotary Genève International

Monday June 4th 2018, 6.30 – 8.30 pm, Geneva Centre for Security Policy

Recent advances in artificial intelligence driven by growing computing powers, rising amount of generated data and improvement of machine learning algorithms have led to major breakthroughs. Google's Deepmind Alphago algorithm beat the second best player of the game of Go in 2016 after several months of training. A revised version of this algorithm reached superhuman capabilities in the game of Go, shogi and chess in 34 hours in December last year. The speed of this technological growth is exponential and the proliferation of this technology in both vertical and horizontal. This raises alarming prospects about the potential malicious uses of this technology and the way to prevent them. A key aspect is to define regulations guidelines for the development of this technology and to find an appropriate inclusive framework of governance.

Dr Jean-Marc Rickli is head of Global Risk and Resilience at the GCSP, in the Emerging Security Challenges Programme.

Dr Rickli was previously an assistant professor at the Department of Defence Studies of King's College London, based at the Qatar National Defence College in Doha. He was also a senior researcher at the Near East Center for Security and Strategy of King's College, an associate fellow of the GCSP, and a non-resident fellow in modern warfare and security at TRENDS Research and Advisory in Abu Dhabi.

He is a senior advisor for the AI (Artificial Intelligence) Initiative at the Future Society at Harvard Kennedy School and an expert on lethal autonomous weapons systems for the United Nations. He is also the co-chair of the emerging security challenges working group at the NATO Partnership for Peace Consortium. He holds a PhD and an MPhil in International Relations from Oxford University, UK, where he was also a Berrow scholar at Lincoln College.

Programme :

6.30pm – 7.30pm : Conference by Dr. Jean-Marc Rickli

7.30pm - 8.00pm : Questions & answers

8.00pm – 8.30pm : Refreshments

The conference is free of charge and small refreshments will be served.

Questions and/or registrations : please contact a.bultot@gcsp.ch