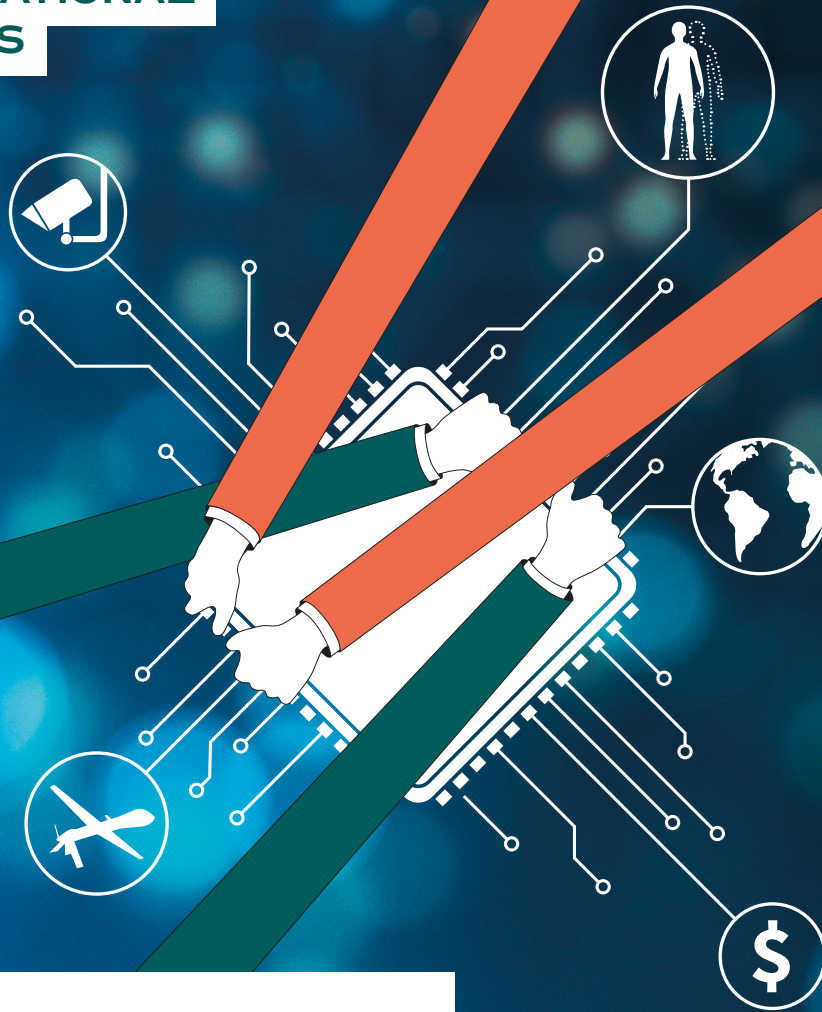


ACADEMY
OF INTERNATIONAL
AFFAIRS
NRW



ARTIFICIAL INTELLIGENCE & INTERNATIONAL POLITICS

Programme

www.aia-nrw.org

RETHINK
POLITICS

Programme

The Summer Academy will be partially broadcast. All lectures marked in bold can be followed online at <https://kuchem-konferenz.webex.com/kuchem-konferenz-de/j.php?MTID=m184cba7a686d42375f5dd0b4bf4d877c>

Meeting-Kennnummer: 2552 591 3777 / Passwort: VEhb8m2ZXf3

Seperate registration not required

Please use for your Twitter messages #AIANRW

Sunday 22.08.

19:00 | Dinner (conference hotel)

Monday 23.08.

9:00- 10:30 | Welcome and Self-Introduction of the Participants

10:30 -11:00 | *Coffee & Tea*

11:00 -12:30 | **AI and the Complexity of Global Technology Politics**
Maximilian Mayer (Bonn)

12:30-14:00 | *Lunch*

14:00-15:30 | **AI Geopolitics**
Ulrike Franke (Brussels)

15:30-16:00 | *Coffee & Tea*

16:00-17:30 | Group Sessions I

Group A (conference room)

- John Vineet Samuel:
Value Divergence and the Fourth Industrial Revolution: Discussing the Future of the World wide web and AI in a multipolar world.
- Teng Teng:
Applications of Artificial Intelligence on Human Resource Management

Group B (conference room II)

- Yishu Mao:
Divergence and Convergence in Competing Cultures of Knowledge and Power: A comparative Study on the emergence of AI Governance Regimes in the EU and China.
- Piotr Celiński:
AI versus the Human Body. Why we should think critically about the AI further developments.
- Rômulo Figuera Neves:
Internet Governance as a Topic of Diplomacy

19:00 | *Dinner*

20:30 | Artist Presentation by Anna Konik (Warsaw)

Tuesday 24.08.

9:00- 10:30

The Third Wave of of Artificial Intelligence
Kristian Kersting (Darmstadt)

10:30 -11:00

Coffee & Tea

11:00-12:30

China's Data Strategy and Its International Impact
Rogier Creemers (Leiden)

12:30-14:00

Lunch

14:00-15:30

Group Sessions II

Group A (conference room)

- Florian Muhle:
Social Bots in the Public Sphere
- Smrithy Sasidharan:
How is Technology Helping Women in the Manufacturing World
- Vivek Anand:
AI, Innovation & International Cooperation

Group B (conference room II)

- Anja Dahlmann:
The Regulation of Autonomous Weapons
- Vanessa Vohs:
„If the only tool you have is a hammer, everything looks like a nail” – About Autonomous Weapons. Individual Responsibility and Legal positivism.

15:30 -16:00

Coffee & Tea

16:00 -17.30

Group Sessions III

Group A (conference room)

- Cassandra Chong:
Singapore's National AI Strategy
- Dimitri Coelho Mollo:
The Different Perceptions of what AI is, as well as of its Promises and Problems by Scientists, Politicians, and the Broader Society
- Shota Bukoshi:
ICT in Kosovo

Group B (conference room II)

- José Andrés Guevara Coto:
Machine Learning Analysis of Immune Profiles Predicts COVID-19 Severity and Chronicity: The Story of a Prognostic Test
- Benjamin Paaßen:
A Proposal for European AI: Ethical, Understandable and Data-Parsimonious

19:00

Dinner

20:30

Concert by Joshua Knoop

Wednesday 25.08.

9:00- 10:30 **Artificial Intelligence, autonomous systems, and the future of war (online lecture)**

Christopher Coker (London)

10:30 -11:00 *Coffee & Tea*

11:00 -12:30 **The Third Wave of AI Ethics and a Need to Focus on Sustainable AI**

Aimee van Wynsberghe (Bonn)

12:30-14:00 *Lunch*

14:00-15:30 Group Sessions IV

Group A (conference room)

- Hanjo Hamann:
Natural Language Processing (NLP) in Legal Context
- Maximilian Gahntz:
The European Commission's draft AI Act

Group B (conference room II)

- Henry Agyekum:
Current Political Situation in Ghana
- Joshua Knoop:
Australia, the Indo-Pacific and our first national AI Action Plan
- Saud Khalid Al-Saud:
Can AI replace Diplomats?

20:00 Opening Event: Dinner Invitation by the Prime Minister of NRW (conference hotel)

Thursday 26.08.

09:00 -10:30 **Bots at the gate: Migration Management and Technological Experiments**

Petra Molnar (New York)

10:30 -11:00 *Coffee & Tea*

11:00-12:30 In reaction to current events: A conversation about Afghanistan with the former Foreign Minister of Afghanistan, Rangin Dadfar Spanta

12:30-14:00 *Lunch*

14:00-15:30 Closing Discussion

15:30-16:00 *Coffee & Tea*

16:00-19:00 Optional: Hiking tour and Dinner at the Ölberg at 18:00 (self paid)

Speakers

Prof. Dr. Christopher Coker is Director of LSE IDEAS, LSE's foreign policy think tank. His publications include *Rebooting Clausewitz* (Hurst, 2015), *Men at War: what fiction has to tell us about conflict from the Iliad to Catch 22* (Hurst, 2014); *The Improbable War: China, the US and the logic of Great Power War* (Hurst, 2015); *Future War* (Polity, 2016). His most recent book is *The Rise of the Civilizational State* (Polity, 2019). His next book is *Why War?* (2020). He was Professor of International Relations at LSE, retiring in 2019. He is a former twice serving member of the Council of the Royal United Services Institute, a former NATO Fellow and a regular lecturer at Defence Colleges in the UK, US, Rome, Singapore, and Tokyo. He has been a Visiting Fellow at the National Institute for Defence Studies In Tokyo, the Rajaratnam School for International Studies Singapore, the Political Science Dept in Chulalongkorn University, Bangkok and the Norwegian and Swedish Defence Colleges.

Prof. Dr. Rogier Creemers is an assistant professor in the Law and Governance of China at Leiden University. He holds master's degrees in China studies and international relations, and a doctorate in law. His research investigates China's domestic technology policies, as well as China's participation in global cyber affairs. His work has been published, among others, in *The China Journal* and the *Journal of Contemporary China*. He is the leader of two major projects funded by the Dutch Organization for Scientific Research and the Ministry of Foreign Affairs. He is also a founding member of DigiChina, a project run in cooperation with New America, as well as a frequent contributor to international news media

Dr. Ulrike Franke is a senior policy fellow at the European Council on Foreign Relations (ECFR). She leads ECFR's Technology and European Power initiative. Her areas of focus include German and European security and defence, the future of warfare, and the impact of new technologies such as drones and artificial intelligence on geopolitics and warfare. Franke has published widely on these and other topics, among others in *Die Zeit*, *FAZ*, *RUSI Whitehall Papers*, *Comparative Strategy*, *War on the Rocks*, *Zeitschrift für Außen- und Sicherheitspolitik*, and regularly appears as commentator in the media. She co-hosts the Sicherheitshalber Podcast, a German-language podcast on security and defence. She holds a PhD in International Relations from the University of Oxford – in her PhD thesis, she studied the use of drones by western armed forces. She also holds a BA from Sciences Po Paris and a double summa cum laude MA degree from Sciences Po Paris (Affaires internationales/Sécurité internationale) and the University of St. Gallen (International Affairs and Governance).

Prof. Dr. Kristian Kersting is a Full Professor (W3) at the Computer Science Department of the TU Darmstadt University, Germany. He is the head of the Artificial Intelligence and Machine Learning (AIML) lab, a member of the Centre for Cognitive Science, a faculty of the ELLIS Unit Darmstadt, and the founding co-director of the Hessian Center for Artificial Intelligence (hessian.ai). After receiving his Ph.D. from the University of Freiburg in 2006, he was with the MIT, Fraunhofer IAIS, the University of Bonn, and the TU Dortmund University. His main research interests are statistical relational artificial intelligence (AI) as well as deep (probabilistic) programming and learning. Kristian has published over 180 peer-reviewed technical papers, co-authored a Morgan&Claypool book on Statistical Relational AI and co-

edited a MIT Press book on Probabilistic Lifted Inference. He also published Wie Maschinen Lernen, which is one of the first German general introductory books on AI and, in particular, machine learning, to educate the promise and potential of AI to the broader society. He also contributed articles on AI to the German newspapers Franfurter Allgemeine Zeitung (FAZ) and Die Welt, for the latter he writes a monthly column on AI. Kristian is a Fellow of the European Association for Artificial Intelligence (EurAI), a Fellow of the European Laboratory for Learning and Intelligent Systems (ELLIS), and a key supporter of the Confederation of Laboratories for Artificial Intelligence in Europe (CLAIRE). He received the Inaugural German AI Award (Deutscher KI-Preis) 2019, accompanied by a prize of EURO100.000, several best paper and outstanding reviewer awards, a Fraunhofer Attract research grant with a budget of 2.5 Million Euro over 5 years (2008-2013), and the EurAI (formerly ECCAI) AI Dissertation Award 2006 for the best Ph.D. thesis in the field of Artificial Intelligence in Europe.

Prof. Dr. Maximilian Mayer is Junior-Professor of International Relations and Global Politics of Technology at University of Bonn. He was assistant professor at the University of Nottingham Ningbo China (2019-2020). He is also research fellow at Renmin University Beijing (2018-2020), worked as Research Professor at Tongji University, Shanghai (2015-2018) and was senior researcher at the Munich Center for Technology in Society, Technical University Munich (2018-2019). Maximilian worked at the Bonn University's Center for Global Studies (CGS) as managing assistant and senior fellow (2009-2015). Maximilian holds a master degree from Ruhr University Bochum and obtained his PhD at Bonn University. His research interests include the global politics of science, innovation, and technology; China's foreign and energy policy; global energy and climate politics; theories of International Relations. Maximilian presents regularly at international conferences, publishes his research in peer-reviewed journals, and has authored seven books including China's Energy Thirst: Myth or Reality? (2007 together with Xuewu Gu), Changing orders: transdisciplinary analysis of global and local realities (2008, co-editor), two-volumes on The Global Politics of Science and Technology (2014, lead editor). He is coeditor of Art and Sovereignty in Global Politics (Palgrave, 2016) and edited Rethinking the Silk-Road: Chinas Belt and Road Initiative and Emerging Eurasian Relations (Palgrave, 2018). Maximilian was visiting scholar at Harvard Kennedy School, Program on Science, Technology and Society, and section co-chair of STAIR (Science, Technology, Arts and international relations) of the International Studies Association (2015-2017) and STAIR program chair (2014-2015).

Dr. Petra Molnar is a lawyer and anthropologist specializing in technology, migration, and human rights. She is the Associate Director of the Refugee Law Lab at the Centre for Refugee Studies, York University. Petra is the author of numerous academic and popular press publications on technology and migration and one of the leading international voices on these issues. Her work has been widely featured in The Guardian, Al Jazeera, and the New York Times, among others, and she is frequently quoted in local media as well as various policy briefings at the national and international level. Petra is the co-author of "Bots at the Gate," an internationally recognized report on the human rights impacts of automated decision-making in immigration and refugee systems. Her recent report Technological Testing Grounds foregrounds the perspectives of people on the move in Greece and Europe as they interact with violent surveillance technologies. She holds a Juris Doctorate from the University of Toronto Faculty of Law, a Masters of Anthropology from York University, Centre for Refugee studies, and an LL.M in International Law from the University of Cambridge.

Prof. Dr. Aimee van Wynsberghe has been working in ICT and robotics since 2004. She began her career as part of a research team working with surgical robots in Canada at CSTAR (Canadian Surgical Technologies and Advance Robotics). She is the Alexander von Humboldt Professor for Applied Ethics of Artificial Intelligence at the University of Bonn in Germany. Aimee is co-founder and co-director of the Foundation for Responsible Robotics and on the board of the Institute for Accountability in a Digital Age. She is a 2018 L'Oreal Unesco 'For Women in Science' laureate. Aimee also serves as a member of the European Commission's High-Level Expert Group on AI and is a founding board member of the Netherlands AI Alliance. She is a founding editor for the international peer-reviewed journal AI & Ethics (Springer Nature) and a member of the World Economic Forum's Global Futures Council on Artificial Intelligence and Humanity. Aimee has been named one of the Netherlands top 400 influential women under 38 by VIVA and was named one of the 25 'women in robotics you need to know about'. She is author of the book Healthcare Robots: Ethics, Design, and Implementation and has been awarded an NWO personal research grant to study how we can responsibly design service robots. She has been interviewed by BBC, Quartz, Financial Times, and other International news media on the topic of ethics and robots, and is often invited to speak at International conferences and summits.