



# Speakers

25.-27.9. 2019 | Darmstadt, Germany

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Status: 10.5.2019

#	Author	Organization	Title	Track	Talk	Poster
1	Dr. Moritz Kütt, Prof. Alexander Glaser	Science and Global Security (SGS), Princeton University	Chips, Bits & Atoms: Building Trusted Electronics for Disarmament Verification	1-Cyber	yes	no
2	Thomas Reinhold	Science and Technology for Peace and Security (PEASEC), TU Darmstadt	Counting Cyber Weapons - New Approaches to regulate and control destructive Cyber Tools	1-Cyber	yes	no
3	Thea Riebe, Marc-André Kaufhold, Tarun Kumar, Thomas Reinhold, Prof. Christian Reuter	Science and Technology for Peace and Security (PEASEC), TU Darmstadt	Design and Evaluation of a Threat Intelligence Application for Cyber Attribution	1-Cyber	yes	no
4	Prof. Joachim Vogt	Work and Engineering Psychology Research Group, FAI, TU Darmstadt	Human Errors reliably indicate Problems in complex Socio-Technical Systems	1-Cyber	yes	no
5	Prof. Christian Reuter	Science and Technology for Peace and Security (PEASEC), TU Darmstadt	Information Technology for Peace and Security	1-Cyber	yes	no
6	Dr. Matthias Schulze	Stiftung Wissenschaft und Politik (SWP), German Institute for International and Security Affairs, Berlin	Quo Vadis digitale Rüstungskontrolle? Schwachstellen als Ausweg?	1-Cyber	yes	no
7	Dr. Moritz Weiss, Felix Biermann	Global Governance and Public Policy, LMU München	Varieties of cybersecurity? The institutional foundations of protecting critical infrastructures	1-Cyber	yes	no
8	Thea Riebe, Prof. Christian Reuter	Science and Technology for Peace and Security (PEASEC), TU Darmstadt	Accessing Dual Use in IT Development	1-Cyber	no	yes
9	Marc-André Kaufhold, Prof. Christian Reuter	Science and Technology for Peace and Security (PEASEC), TU Darmstadt	Cultural Violence and Peace in Social Media	1-Cyber	no	yes
10	Thomas Reinhold	Science and Technology for Peace and Security (PEASEC), TU Darmstadt	Militarization of the Cyberspace - Challenges, Tasks and new Approaches for Arms Control	1-Cyber	no	yes
11	Franziska Herbert, Gina-Maria Schmidbauer-Wolf, Prof. Christian Reuter	Science and Technology for Peace and Security (PEASEC), TU Darmstadt	Privacy vs. Security: Privacy Enhancing Technologies in Social Media in Security relevant Situations	1-Cyber	no	yes
12	Katrin Hartwig, Prof. Christian Reuter	Science and Technology for Peace and Security (PEASEC), TU Darmstadt	TrustyTweet: An Indicator-based Browser-Plugin to Assist Users in Dealing with Fake News on Twitter	1-Cyber	no	yes
13	Dr. Jonas Siegel	Center for International and Security Studies at Maryland	Access to reprocessing technologies in the ROK	2-Nuclear	yes	no
14	Dr. Matthias Englert	Öko-Institut	Fissile Materials, Nuclear Proliferation and HEU Elimination	2-Nuclear	yes	no
15	Prof. Götz Neuneck	Institute for Peace Research and Security Policy (ISFH), University of Hamburg	Future technological and political Arms Races - Challenges for Research and Implementation	2-Nuclear	yes	no
16	Prof. Malte Göttsche	Nuclear Verification and Disarmament Laboratory, RWTH Aachen	Nuclear archaeology: Understanding fissile material inventories for nuclear disarmament	2-Nuclear	yes	no
17	Antonio Figueroa, Prof. Malte Göttsche	Nuclear Verification and Disarmament Laboratory, RWTH Aachen	Nuclear Archeology: Reconstructing Reactor Histories From Reprocessing Waste	2-Nuclear	yes	no
18	Dr. Madalina Wittel, Prof. Malte Göttsche	Nuclear Verification and Disarmament Laboratory, RWTH Aachen	Prospects for Spent Nuclear Fuel Safeguarding with Antineutrino Detectors	2-Nuclear	yes	no
19	Dr. Moritz Kütt	Science and Global Security (SGS), Princeton University	Technical and Legal Challenges for Germany to join the Treaty on the Prohibition of Nuclear Weapons	2-Nuclear	yes	no
20	Prof. Martin Kalinowski	Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO)	The Work of the Comprehensive Nuclear-Test-Ban Treaty Organization	2-Nuclear	yes	no
21	Prof. Gerald Kirchner	Carl Friedrich von Weizsäcker-Centre for Science and Peace Research (ZNF), University of Hamburg	Verification technologies for nuclear arms control treaties: research results and prospects	2-Nuclear	yes	no
22	Lukas Rademacher, Dr. Madalina Wittel, Prof. Malte Göttsche	Nuclear Verification and Disarmament Laboratory, RWTH Aachen	Reactor archaeology	2-Nuclear	no	yes
23	Dr. Oliver Meier	Stiftung Wissenschaft und Politik (SWP), German Institute for International and Security Affairs, Berlin	[title follows]	3-BioChem	yes	no
24	Dr. Una Becker Jakob	Peace Research Institute Frankfurt (PRIF)	[title follows]	3-BioChem	yes	no
25	Dr. Ralf Trapp	Independent consultant for the OPCW	Attribution of responsibility for CW uses: technical, legal and political challenges.	3-BioChem	yes	no
26	Dr. Johannes Frieß	Institute for Safety/Security and Risk Sciences, University for Natural Resources and Life Sciences (BOKU)	Gene Drive – Technology with dual-use potential?	3-BioChem	yes	no
27	Prof. Kathryn Nixdorff	TU Da	Misuse Potential of Systems Biology - New Challenges for Biological Arms Control?	3-BioChem	yes	no
28	Dr. Jonathan Forman	Organisation for the Prohibition of Chemical Weapons (OPCW), The Hague	Science and (Bio)Chemical Disarmament: Friends or Foes?	3-BioChem	yes	no
29	Dr. Kai Ilchmann		[title follows]	3-BioChem	no	yes
30	Jan Opper	Carl Friedrich von Weizsäcker-Centre for Science and Peace Research (ZNF), University of Hamburg	[title follows]	3-BioChem	no	yes
31	Prof. Volkmar Vill	Institute of Organic Chemistry, University of Hamburg	Determination of analog structures as instrument for the risk assessment of hazardous chemicals	3-BioChem	no	yes



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32	Dr. Mirko Himmel	Carl Friedrich von Weizsäcker-Centre for Science and Peace Research (ZNF), University of Hamburg	Recent Developments in Biological and Chemical Arms Control	3-BioChem	no	yes
33	Dr. Grant Christopher	VERTIC	Additive manufacturing and the military: applications and implications	4-NewTech	yes	no
34	Maaïke Verbruggen	Institute for European Studies (IES) Vrije Universiteit Brussel	Meaningful Human Control of Swarms	4-NewTech	yes	no
35	Dr. Jürgen Altmann	Physics and Disarmament, TU Dortmund	New Military Technologies and International Security/Peace	4-NewTech	yes	no
36	Lindsay Rand	Center for International and Security Studies at Maryland	Seeing the Drone from the Swarm; Legal and Arms Control Implications for Technological Differences	4-NewTech	yes	no
37	Arne Sönnichsen, Dr. Daniel Lambach	Universität Duisburg-Essen, Goethe Universität Frankfurt	Space Race, Arms Race, or Neither? Arms Race Dynamics in Outer Space	4-NewTech	yes	no
38	Dr. Niklas Schörmig	Peace Research Institute Frankfurt (PRIF)	Weapons verification with high-tech? Chances of and obstacles to making use of emerging technologies in arms control	4-NewTech	yes	no
39	Hubertus Sonntag, Dr. Jürgen Altmann	Experimentelle Physik III, Technische Universität Dortmund	Comparison of seismic signals of tracked vehicles on asphalt and sand road	4-NewTech	no	yes
40	Arne Sönnichsen	Universität Duisburg-Essen	Echoes of the Past? New Technologies and Securitization in the Next Phase of the Space Age	4-NewTech	no	yes
41	Stefka Schmid, Thea Riebe, Prof. Christian Reuter	Science and Technology for Peace and Security (PEASEC), TU Darmstadt	Meaningful Human Control of LAWS: A Discourse Analysis of the CCW-Debate and its Implications for Value-Sensitive Design	4-NewTech	no	yes
42	Mathias Pilch	Physics and Disarmament, TU Dortmund	Small and Very Small Armed Aircraft and Missiles - Technical Potential, Dangers and Preventive Arms Control	4-NewTech	no	yes
43	Dr. Anna Cornelia Beyer	Politics, University of Hull	Abolishing the Security Dilemma: Why we need to integrate the militaries	5-Open	yes	no
44	Prof. Jürgen Scheffran	Integrated Geography, University of Hamburg	Civil-military interactions, dual-use and preventive arms control in science and technology	5-Open	yes	no
45	Dr. Dr. René von Schomberg	European Commission	Responsible Research and Innovation for Peace	5-Open	yes	no
46	Prof. Alfred Nordmann, Annette Ripper	Technoscience/Philosophy, TU Darmstadt	Safety and Security – Their Relation and Transformation	5-Open	yes	no