UNIVERSITÄT BONN

TRA
INDIVIDUALS AND SOCIETIES

RHEINISCHE TRANSDISCIPLINARY
FRIEDRICH-WILHELMS- RESEARCH AREA
UNIVERSITÄT BONN

Autonomy and Autonomous
Systems Workgroup

Summer School
"ARTIFICIAL INTELLIGENCE, SOCIAL MACHINES, AND THE FUTURE OF DEMOCRATIC SOCIETIES"

September 16th – 20th, Rheinische Friedrich-Wilhelms-Universität Bonn
– Venue: Lennéstrasse 6, hall 4.004 –

Monday, September 16th	Tuesday, September 17th	Wednesday, September 18th	Thursday, September 19th	Friday, September 20th
	09:00 Coffee	09:00 Coffee and short reflections	09:00 Coffee and short reflections	09:00 Coffee and short reflections
Arrival of participants	09:00 – 10:00 **Keynote and discussion: "AI, platformised communication infrastructures and the fragile autonomy of societies"** *Prof. Dr. Maximilian Mayer (University of Bonn)* **10:00-11:00 Keynote and discussion: "Generative AI in Education and Science ?!?"** *Prof. Dr. Christian Bauckhage (Frauenhofer IAIS)*	09:30 – 11:00 **Book Presentation and Workshop „The De Gruyter Social Robots Handbook",** *Autumn Edwards (editor), Michigan University, USA*	9:30:00 – 11:00 **Keynote and discussion: "AI and the Hybrid Society",** *Prof. Dr. Gabriele Gramelsberger (RWTH Aachen)*	9:30 – 10:30 **Keynote and discussion "AI and the Industry: Tech and AI Ethics"** *André Cramer (German Telekom, Bonn)*
	11:00 – 11:30 Coffee break	11:00 – 11:30 Coffee Break	11:00 - 11:30 Coffee break	11:00 – 11:30 Coffee break
14:00 – 15:00 **Prof. Dr. Caja Thimm & Prof. Maximilian Mayer** Welcome and Introduction to the program	11:30 – 13:00 **Workshop I:** Participant projects	11:30 – 13:00 **Keynote and discussion: "Autonomous Machines as Weapons",** *Dr. Max Mutschler (BICC, Bonn)* *Gloger, Mando:* **How technical autonomy can shape military decision-making processes, and the role humans play in them**	11:30-13:00 **Workshop V:** Participant projects	11:00 – 13:00 **Workshop VI:** Results, discussion, networking
15:00 – 15:30 Coffee break	13:00 – 14:00 Lunch break	13:00 – 14:00 Lunch break	13:00 – 14:00 Lunch break	13:00 – 14:00 Lunch break
15:30 – 17.00 Scientific Speed Dating: Short Presentation of participant projects	14:00 – 15:30 **Workshop II:** Participant projects	14:00 – 15:00 Keynote: **„Machines as Innovators",** *Prof. Frank Piller (RWTH Aachen)*	15:00 – 17:00 **Visit of the Social Robot Lab (Bonn University)**	14:00 – 15:00 **Final round and Farewell: Learnings and Future Collaboration**
	15:30 Coffee Break	15:30 Coffee Break		
17:00 Opening Reception	16:00 - 18:00 **Workshop III:** Participant projects	16:00-18:00 **Workshop IV:** Participant projects		
18:00 – 19:30 **Keynote and discussion: "Pragmatism, Democracy, and Human-Machine Communication: Rethinking Education and Social Life in the Age of A.I."** *Prof. Dr. Chad Edwards & Prof. Dr. Autumn Edwards (University of Michigan)*				
20:00 Dinner at Tuscolo	19:00 Dinner at Koleila Restaurant	Nighttour Bonn	Free evening	