

Program for – **Wednesday Morning** (February 14)

	Politics and Concepts (Room I)	Power and Ethics (Room II)	Public Space and Society (Room III)	Politics and Concepts (Room IV)
09.00-12.00	<p>Workshop 1: Transdisciplinary Reflections on Social Robotics in Academia and Beyond</p> <p>Room I UC, Hörsaal C 1</p> <p>---</p> <p>Erich Prem: Strategic components for social robotics research</p> <p>Johanna Seibt, Christina Vestergård, and Malene Flensburg Damholdt: Integrative Social Robotics, Transdisciplinarity, and Value-Driven Design</p>	<p>Session 2: Artificial Sociality I Room II UC, Hörsaal C 2</p> <p>Anna Strasser: Artificial agents in the realm of social cognition (9.00-9.30)</p> <p>Marciej Musiał: Automation, the meaning of life and intimate relationships (9.30-10.00)</p> <p>Aurélie Clodic et al.: On the pertinence of Social Practices for Social Robotics (10.00-10.30)</p> <p>Pak-Hang Wong: Ritualizing Robots (10.30-11.00)</p>	<p>Session 1: Robots, War, and Politics Room III UC, Aula</p> <p>Brian Bloomfield and Theodore Vurdubakis: The Machine at War (9.00-9.30)</p> <p>Joanna Wilson: Lethal Autonomous Weapons Systems (9.30-10.00)</p> <p>Niklas Toivakainen: Capitalism, Labour and the Totalising Drive of Technology (10.00-10.30)</p> <p>Florian Saurwein: Politics of automation (10.30-11.00)</p> <p>Matthijs Maas: Lessons from nuclear arms control for the responsible governance of AI development (11.00-11.30)</p> <p>Morten Dige: The Pragmatics of Robotic Warfare (11.30-12.00)</p>	<p>Workshop 2: Machines without Humans // Post-robotics Room IV UC, Seminarraum III</p> <p>---</p> <p>Femke Snelting: Possible Bodies</p> <p>Simon Hoher and Florian Jaensch: Self-learning material flow systems</p> <p>Simone Kimpeler: Future Session</p> <p>Maike Klein and Maximilian Lehner: Aesthetic Preferences of Machines</p> <p>Fabian Kuhfuß: Nintendogs</p> <p>Hagen Lehmann Gesture libraries in HIR</p>

Program for – **Wednesday Afternoon** (February 14)

11.30-12.30 Reception, Registration

12.30-13.00

Welcome

- By Mark Coeckelbergh and the Organizers
Room I UC, Hörsaal C 1

13.00-14.15

Keynote I: Guy Standing

The Precariat in Platform Capitalism
Room I UC, Hörsaal C 1

14.15-14.30

Short Break

	Politics and Concepts (Rooms I and II)	Power and Ethics (Room III)	Public Space and Society (Room IV)	
14.30-16.00	<p>Session 3: Robots, Cognition, and Artificial Consciousness Room I UC, Hörsaal C 1</p> <p>Aura-Elena Schussler: Robot Clones (14.30-15.00)</p> <p>Stacey Vorster: Recognition, encounter, and vision, in the work of Zhou Song (15.00-15.30)</p> <p>Fabio Fossa: Purpose-built Artefacts or Special- purpose Human Beings? (15.30-16.00)</p>	<p>Workshop 3: Working With and Alongside Robots: Forms and Modes of Co-Working – Part 1 Room II UC, Hörsaal C 2</p> <p>--- Anika Fiebich: Three Dimensions in Human- Robot Cooperation</p> <p>Johanna Seibt: Classifying Forms of Collaborations in the OASIS framework</p> <p>Luis de Miranda: Cosmic Anthrobots</p>	<p>Session 4: Roboethics I Room III UC, Aula</p> <p>Hiroya Shimoyama: Deconstruction of Roboethics through the Concept "Robomot" (15.00-15.30)</p> <p>Raul Hakli and Pekka Mäkelä: Bad Arguments for Responsibility Sharing (15.30-16.00)</p>	<p>Session 5: Artificial Sociality II Room IV UC, Seminarraum III</p> <p>Catrin Misselhorn and Wulf Loh: Autonomous Driving and Perverse Incentives (14.30-15.00)</p> <p>Rikke Nørgård, Niamh Ní Bhroin, and Charles Ess: Robot Teachers (15.00-15.30)</p> <p>Virginia Sanchini et al.: Humanoid robot for children with type-1 diabetes (15.30-16.00)</p>

16.00-16.30

Coffee Break

16.30-18.30	<p>Workshop 4: Phronēsis and Computation: Current Perspectives Room I UC, Hörsaal C 1</p> <p>--- Vincent C. Müller: Real Machine Ethics</p> <p>Anne Gerdes: The Role of Time in Phronetic Activities</p> <p>Selmer Bringsjord, Paul Bello, Naveen Sundar Govindarajulu, Bertram F. Malle, and Matthias Scheutz: Making Morally Competent Robots Meets Artificial Phronēsis</p>	<p>Workshop 3: Working With and Alongside Robots: Forms and Modes of Co-Working – Part 2 Room II UC, Hörsaal C 2</p> <p>--- Diego Compagna, Philipp Graf Sociological Remarks on Repetition and Variation in Human-Robot Cooperation</p> <p>Hendrik-Jan Grievink: <Hello Womb/></p>	<p>Session 6: Roboethics II Room III UC, Aula</p> <p>Bertram F. Malle: From Binary Deontics to Deontic Continua (17.00-17.30)</p> <p>Jaana Parviainen and Tuomo Särkikoski: Growing Old in Robotic Cities (17.30-18.00)</p> <p>Norbert Krüger, Leon Bodenhagen, and William Juel: Robots for elderly care institutions (18.00-18.30)</p>	<p>Session 7: Public Perceptions and Constructions of Robots Room IV UC, Seminarraum III</p> <p>Jean-Paul Peronard, Christian Lystbæk, and Sladjana Nørskov: The Valorisation of Robots in Robotics Research (16.30-17.00)</p> <p>Rosanna Termino and Eva Rimbau-Gilabert: The digitalization of the working environment (17.00-17.30)</p> <p>Sophie Wenerscheid: New Networks of Desire (17.30-18.00)</p> <p>Kerstin Fischer: Why Collaborative Robots Must Be Social Actors (18.00-18.30)</p>
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Reception at the Town Hall

19.00-19.30

Formal Welcome by Sabine Köszegi (ca. 10min.) and get together for organizers and participants

Program for – **Thursday Morning** (February 15)

08.45-10.00

Keynote II: Oliver Bendel
 Service Robots from an Ethical Point of View
 Room I UC, Hörsaal C 1

10.00-10.30

Coffee Break

10.30-12.00

	Politics and Concepts (Rooms I and II)	Power and Ethics (Room III)	Public Space and Society (Room IV)	
	<p>Workshop 5: Political Economy of Robots (Panel Discussion) Room I UC, Hörsaal C 1 --- David Gunkel: Digital Divide 2.0, or the Robot Rift</p> <p>Zachery J. McDowell: The Remixed Self as/and Robot</p> <p>Alfie Brown: LeftTech</p> <p>Peter Rantaša: Artificial Property</p> <p>James A. Smith: On the Genealogy of Morals of Robots</p>	<p>Workshop 6: The Use of Social Robots in Key Business Activities (Panel Discussion) Room II UC, Hörsaal C 2 --- Michael Filzmoser and Sabine Koeszegi: Automation and Digitalization of Business Processes</p> <p>John P. Ulhøi and Sladjana Nørskov: Social Robotics</p> <p>Lars Haahr and Anna B. Holm: Chatbots in Human Resource Management</p>	<p>Workshop 7: Is Machine Consciousness Necessary for True AI Ethics? (Panel Discussion) Room III UC, Aula --- Joanna Joy Bryson: Consciousness is Neither Necessary nor Sufficient for AI Ethics</p> <p>Antonio Chella: AMA and the capability of conscious choices</p> <p>John Murray: Exploring Emergent Ethics in Multi-Agent Systems</p>	<p>Workshop 8: Exploring Ethical Responsibility through Democratic Participation and Expert Panel Discussion – Part 1 Room IV UC, Seminarraum III --- Cathrine Hasse: Mini-Publics</p> <p>Ben Vermeulen: Robotization and structural economic dynamics</p>

12.00-13.00

Lunch

Program for – **Thursday Afternoon** (February 15)

13.00-14.15

Keynote III: Hiroshi Ishiguro

Studies on Interactive Robots
Room I UC, Hörsaal C 1

14.15-14.30

Short Break

	Politics and Concepts (Rooms I and II)	Power and Ethics (Room III)	Public Space and Society (Room IV)	
14.30-15.30	<p>Workshop 9: Yumi in Action! Ethics and Engineering as Transdisciplinary Robots Performance Room I UC, Hörsaal C 1 ---</p> <p>Bernhard Dieber: The challenges and perspectives of human-robot collaboration</p> <p>Michael Funk: Responsibility, Risk and Security as Transdisciplinary Challenges in Robot Ethics</p>	<p>Workshop 10: Cultural Spaces, Humanoid Robotics and Human Work; Performance and Debate Room II UC, Hörsaal C 2 ---</p> <p>Oliver Schürer: Cultural Spaces, Humanoid Robotics and Human Work; Performance and Debate</p> <p>Christoph Hubatschke: 'Konfidenz' in Robot Companions?</p> <p>Martina Mara: Between empathy and fright</p> <p>John Sullins: Artificial Phronēsis, What it is and What it is Not</p>	<p>Workshop 11: Moral Status of Robots Room III UC, Aula ---</p> <p>Mark Coeckelbergh Can and Should Robots have Rights?</p> <p>John Danaher: Procreative Beneficence and the Moral Status of Robots</p> <p>Anne Gerdes: Robots – Rights and Wrongs</p> <p>David Gunkel: Can and Should Robots Have Rights?</p>	<p>Workshop 8: Exploring Ethical Responsibility through Democratic Participation and Expert Panel Discussion – Part 2 Room IV UC, Seminarraum III ---</p> <p>Karoline Zawieska: Collaborative Learning for Ethical Robot Design</p> <p>Niels Christian Mossfeldt Nickelsen: Human-Robot proximity</p>
15.30-16.30	<p>Poster Session Foyer to C2, Level -1 ---</p> <p>Budi Hartano: Instrumental Aspects of Social Robots</p> <p>Paulius Astromskis: Regulation Model of Electronic Persons</p> <p>Rebekka Soma and Vegard Søyseth: Robot Deployment and Task Redistributions</p> <p>Peter Rantaša: The Solvation of the Robot or The Voice of Echo</p> <p>Zhou Song: Artwork Installation</p>			

16.30-17.00

Coffee Break

17.00-18.15

Keynote IV: Simon Penny

What Robots Still Can't Do
Room I UC, Hörsaal C 1

19.00-

Conference Dinner

Program for – **Friday Morning** (February 16)

08.45-10.00 **Keynote V: Raja Chatila**
 Ethics in Action - Considerations on Autonomous and Intelligent Systems
 Room I UC, Hörsaal C 1

10.00-10.30 Coffee Break

10.30-12.00

Politics and Concepts (Rooms I and II)		Power and Ethics (Room III)	Public Space and Society (Room IV)
<p>Session 8: Social Change Room I UC, Hörsaal C 1</p> <p>Biljana Biba Vicković et al.: Dragon Robot (10.30-11.00)</p> <p>Massimiliano Cappuccio: Virtuous social robots, value creation, and social recognition (11.00-11.30)</p> <p>Glenda Hannibal and Søren Schack Andersen: Acknowledgement of Workers in a Robot-Supported Society (11.30-12.00)</p>	<p>Workshop 12: Robotics in Japan: Local, Global and “Global” Influences and Application – Part 1 Room II UC, Hörsaal C 2</p> <p>--- Hironori Matsuzaki: Military Robot Applications beyond Post-War Pacifist Norms?</p> <p>Marco Nørskov and Anemone Platz: Android Robotics and the Conceptualization of Human Beings</p> <p>Jennifer Robertson: Hegemonic Bipedalism</p>	<p>Session 9: Machine Ethics I Room III UC, Aula</p> <p>Martim Brandao: Moral diversity and equality of opportunity for algorithms in autonomous vehicles (10.30-11.00)</p> <p>Arto Laitinen: What principles for moral machines? (11.00-11.30)</p> <p>Vanessa Schöffner: Caught Up in Ethical Dilemmas (11.30-12.00)</p>	<p>Session 10: Artificial Sociality III Room IV UC, Seminarraum III</p> <p>Wessel Reijers: Robots: in between labour and practice (10.30-11.00)</p> <p>Philip Brey: Should Robots be Equipped with Emotions? (11.00-11.30)</p> <p>Rebekka Soma and Jo Herstad: Turning away from an anthropocentric view on roboics (11.30-12.00)</p>

12.00-13.00 Lunch

Program for – **Friday Afternoon** (February 16)

13.00-14.15

Keynote VI: Josef Weidenholzer

TBA

Room I UC, Hörsaal C 1

14.15-14.30

Short Break

14.30-16.30

	Politics and Concepts (Rooms I and II)	Power and Ethics (Room III)	Public Space and Society (Room IV)
	<p>Workshop 13: Exploring Responsible Robotics Hands-On: A Conference Lab on Three Use Cases (SMOOTH Project) Room I UC, Hörsaal C 1 --- Astrid Weiss: Laundry and Garbage Collection</p> <p>Johann Lehrner: Neuropsychology of Dementia and robots</p> <p>Majken Kirkegaard Rasmussen: The Shape of Robots</p> <p>Raffaele Rodogno: The Ethics of Guidance Robots</p>	<p>Session 11: Machine Ethics II Room III UC, Aula</p>	<p>Workshop 14: Self-Driving Fast Towards Us – Social and Ethical Implications of Autonomous Vehicles Room IV UC, Seminarraum III --- Kenworthy Bilz: Unintended consequences of autonomous vehicles</p> <p>Barbara Lenz: Influences of automated driving on individuals' spatial and temporal behavior</p> <p>Virginia Dignum: Accountability, Responsibility, Transparency</p> <p>Filippo Santoni de Sio: Meaningful Human Control over Automated Driving Systems</p> <p>Bertram F. Malle: Do Autonomous Vehicles Need Moral Competence?</p>
		<p>Virginia Dignum et al.: Design for Values for Social Robot Architectures (14.30-15.00)</p>	
		<p>Leonard Van Roempae: Incompatibilities between cognitive law and autonomous systems (15.00-15.30)</p>	
		<p>Michal Klincewicz and Lily Frank: Making Metaethics Work for AI (15.30-16.00)</p>	
	<p>Workshop 12: Robotics in Japan: Local, Global and "Global" Influences and Application – Part 2 Room II UC, Hörsaal C 2 --- Junko Teruyama: Technology for Communication</p> <p>Cosima Wagner: "Vision Assessment" of Robot Technology Futures in Japan</p>	<p>Satomi Sugiyama: Exploration of expected interaction norms with a social robot in everyday life (16.00-16.30)</p>	

16.30-17.00

Coffee Break

17.00-17.30

Keynote VII: Juha Heikkilä

The EU perspective on Robotics & AI: economic, societal, research and policy aspects

Room I UC, Hörsaal C 1

17.30-18.00

Keynote VIII: Catelijne Muller

3 Challenges of AI for Society (and How (not) to Address Them)

Room I UC, Hörsaal C 1

18.00-18.30

Discussion

Room I UC, Hörsaal C 1

Program for – **Saturday Morning** (February 17)

08.45-10.00	Keynote IX: Joanna Bryson The Moral, Legal, and Economic Hazard of Anthropomorphising Robots and AI Room I UC, Hörsaal C 1
10.00-10.30	Coffee Break
10.30-11.45	Keynote X: Robert Trappl Robot Deus Room I UC, Hörsaal C 1
11.45-12.00	Conference Closing & Outlook