

# ROBOPHILOSOPHY 2016 / TRANSOR 2016

## Program Schedule

### Monday (October 17)

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11.00-13.00	Registration ( <i>Conference Foyer, Building <a href="#">1441</a></i> )	
13.00-13.15	Welcome ( <i>Auditorium A</i> )	
	<b>Session 1: Methodological Issues I</b> <i>Auditorium B</i>	<b>Workshop 1: Artificial Empathy</b> <i>Seminar Room A</i>
13.15-13.45	Kerstin Fischer: <a href="#">Robots as Confederates</a>	Franco Molteni: <a href="#">Wearable Robotics and Gait Training after Stroke</a>
13.45-14.15	Raya Jones: <a href="#">"If It's Not Broken, Don't Fix It?"</a>	Nadia Berthouze: <a href="#">Affective Body Expression</a>
14.15-14.45	Johanna Seibt: <a href="#">Integrative Social Robotics</a>	Antonio Chella: <a href="#">Robots as Empathic Mediators</a>
14.45-15.15	Coffee Break	
	<b>Session 2: Ethical Tasks and Implications I</b> <i>Auditorium B</i>	<b>Workshop 1: Artificial Empathy (continued)</b> <i>Seminar Room A</i>
15.15-15.45	Arto Laitinen et al: <a href="#">Social Robotics, Elderly Care, and Human Dignity</a>	Lola Cañamero: <a href="#">Empathy and Embodied Affect in Autonomous Robots</a>
15.45-16.15	Raul Hakli and Pekka Mäkelä: <a href="#">Robots, Autonomy, and Responsibility</a>	Discussion
16.15-16.45	Nolen Gertz: <a href="#">The Master/iSlave Dialectic</a>	
16.45-17.15	Reception	
17.15-18.45	<b>Plenary 1: <a href="#">Noel Sharkey</a></b> <i>Auditorium A</i>	

# Tuesday (October 18)

08.30-09.00 Registration (*Conference Foyer, Building [1441](#)*)

09.00-10.20 **Plenary 2:** [Christoph Bartneck](#)  
*Auditorium A*

10.20-10.40 Coffee Break (*Conference Foyer, Building [1441](#)*)

10.40-12.00 **Plenary 3:** [Mark Coeckelbergh](#)  
*Auditorium A*

12.00-13.00 Lunch (*Conference Foyer, Building [1441](#)*)

	<b>Session 3: Emotions in Human Robot Interactions</b> <i>Auditorium B</i>	<b>Workshop 3: Human-Robot Joint Action</b> <i>Auditorium C</i>	<b>Workshop 2: Co-Designing Child-Robot Interactions</b> <i>Seminar Room A</i>
13.00-13.30	Jaana Parviainen et al: <a href="#">Motions with Emotions?</a>	13.30-13.40 Introduction (Aur�lie Clodic)	13.00-13.15 Introduction (The Center for Children's Speculative Design)
13.30-14.00	Eduard Fosch-Villaronga et al: <a href="#">An Interdisciplinary Approach towards a Better Cognitive Human-Robot Interaction</a>	13.40-14.05 Francesca Bonalumi: <a href="#">Psychological Foundations of Commitment</a>	13.15-14.00 Victor van den Bergh, David Robert, and Nadezdha Zilberman: <a href="#">Speculative Co-Design of Robots</a>
14.00-14.30	Maike Klein: <a href="#">Can Artificial Systems Have Genuine Emotions?</a>	14.05-14.30 Raja Chatila: <a href="#">Human-Robot Interaction</a>	14.00-14.30 Franziska Kirstein and Rikke Risager: <a href="#">Experiences from Long-Term Implementation of Social Robots in Danish Educational Institutions</a>
14.30-15.00	Coffee Break ( <i>Conference Foyer</i> )		
	<b>Session 4: Education, Art, and Innovation</b> <i>Auditorium B</i>	<b>Workshop 3: Human-Robot Joint Action (continued)</b> <i>Auditorium C</i>	<b>Workshop 2: Co-Designing Child-Robot Interactions (continued)</b> <i>Seminar Room A</i>
15.00-15.30	Eduard Fosch-Villaronga: <a href="#">Robot Enhancement of Human Capabilities</a>	15.00-15.25 Aur�lie Clodic and Rachid Alami: <a href="#">Commitment Management in Human-Robot Joint Action</a>	15.00-16.30 Group activity: Group Roboethics Imaginative Exercise using artwork from the Children's Imagined Robots exhibition
15.30-16.00	Bojana Romic: <a href="#">"Are You Talkin' to Me?"</a>	15.25-15.50 John Michael: <a href="#">The Sense of Commitment in Human-Robot Interaction</a>	
16.00-16.30	Sofia Serholt et al: <a href="#">Students' Normative Perspectives on Classroom Robots</a>	15.50-16.15 Henry Powell: <a href="#">Commitment, Cooperation and Coordination in HRI</a>	
		16.15-16.30 Panel Discussion	
16.30-17.00	Reception ( <i>Conference Foyer</i> )		
17.00-18.20	<b>Plenary 4:</b> <a href="#">John P. Sullins</a> <i>Auditorium A</i>		
19.00-20.00	Reception at the <a href="#">Mayor's House of Aarhus</a>		

# Wednesday (October 19)

08.30-09.00 Registration (*Conference Foyer, Building [1441](#)*)

09.00-10.20 **Plenary 5:** [Selmer Bringsjord](#)  
*Auditorium A*

10.20-10.40 Coffee Break (*Conference Foyer, Building [1441](#)*)

10.40-12.00 **Plenary 6:** [Jennifer Robertson](#)  
*Auditorium A*

12.00-13.00 Lunch (*Conference Foyer, Building [1441](#)*)

	<b>Session 5: Artificial Meaning and Rationality</b> <i>Auditorium B</i>	<b>Session 7: Methodological Issues II</b> <i>Auditorium C</i>		<b>Workshop 4: Robots in the Wild</b> <i>Seminar Room A</i>
13.00-13.30	Ahti-Veikko Pietarinen: <a href="#">What Your Computer Still Can't Know</a>	Elizabeth Jochum and Damith Herath: <a href="#">Robot Choreography</a>	13.00-13.10	Cathrine Hasse: Welcome and Introduction
13.30-14.00	S.M. Amadae: <a href="#">Computation of Rational Action</a>	Glenda Hannibal: <a href="#">Bringing the Notion of Everyday Life Back to the Center of Social Robotics and HRI</a>	13.10-13.30	Christina Leeson: <a href="#">Did You Forget Your Feet at Home?</a>
14.00-14.30	Martin M. Bentzen: <a href="#">The Principle of Double Effect Applied to Ethical Dilemmas of Social Robots</a>	Luis de Miranda et al: <a href="#">We, Anthrobot</a>	13.30-13.50	Lasse Blond: <a href="#">Travelling Robots and Their Cultural Baggage</a>
			13.50-14.10	Birgitte Halle and Michelle Nielsen: <a href="#">Practical Experience by Using Robots</a>
			14.10-14.30	Discussion and demonstration of the robots Nao and RETRAINER

14.30-15.00 Coffee Break (*Conference Foyer*)

	<b>Session 6: Realizing Value-Oriented Design</b> <i>Auditorium B</i>	<b>Session 7: Methodological Issues II (continued)</b> <i>Auditorium C</i>		<b>Workshop 4: Robots in the Wild (continued)</b> <i>Seminar Room A</i>
15.00-15.30	Raja Chatila and John C. Havens: <a href="#">Values By Design</a>	Malene Damholdt et al: <a href="#">A Generic Scale for Assessment of Attitudes towards Social Robots</a>	15.00-15.20	Mia Krogager Mathiasen: <a href="#">A Preview of Parenthood</a>
15.30-16.00	Raja Chatila and John C. Havens: <a href="#">Values By Design</a> (continued)	Sara Ljungblad et al: <a href="#">Are we Really Addressing the Human in Human-Robot Interaction?</a>	15.20-15.50	Maja Hojer Bruun: <a href="#">A Place for Robots in Health Care Sociality?</a>
16.00-16.30	Discussion	Lars C. Jensen: <a href="#">Using Language Games to Assess Engagement</a>	15.50-16.10	Cathrine Hasse: <a href="#">Robot Learning</a>
			16.10-16.30	Discussion and demonstration of the robots Nao and RETRAINER

16.30-16.50 Reception (*Conference Foyer, Building [1441](#)*)

16.50-18.10 **Plenary 7:** [Kathleen Richardson](#)  
*Auditorium A*

19.00-22.30 Conference Dinner at the [AROS Museum Restaurant](#). Approximately 21:00-21:20 Performance of "Solaris Korrigeret" by actress Grethe Mo (Univ. of Agder, Norway)

# Thursday (October 20)

08.30-09.00	Registration ( <i>Conference Foyer, Building <a href="#">1441</a></i> )		
09.00-10.20	<b>Plenary 8:</b> <a href="#">Amanda Sharkey</a> <i>Auditorium A</i>		
10.20-10.40	Coffee Break ( <i>Conference Foyer, Building <a href="#">1441</a></i> )		
10.40-12.00	<b>Plenary 9:</b> <a href="#">Simon Penny</a> <i>Auditorium A</i>		
12.00-13.00	Lunch ( <i>Conference Foyer, Building <a href="#">1441</a></i> )		
	<b>Session 8: Social Norms and Robot Sociality</b> <i>Auditorium B</i>	<b>Session 9: Ethical Tasks and Implications II</b> <i>Auditorium C</i>	<b>Workshop 5: Artificial Phronesis</b> <i>Seminar Room A</i>
13.00-13.30	Christian Brems and Anne Arnfred: <a href="#">The Third Space</a>	Matthijs Smakman: <a href="#">Robots and Moral Obligation</a>	Charles Ess: Introductory Remarks
13.30-14.00	Felix Lindner: <a href="#">How to Count Multiple Personal-Space Intrusions in Social Robot Navigation</a>	Michael Funk: <a href="#">Tacit Security?</a>	Shannon Vallor: <a href="#">Artificial Phronēsis as a Regulative Ideal in Robot Ethics</a>
14.00-14.30	Arto Laitinen: <a href="#">Robots and Human Sociality</a>	Myrthe van Nus: <a href="#">Social Robots, Privacy, and Ownership of Data</a>	Mariarosaria Taddeo: <a href="#">Relying on Phronēsis to Understand Robot Ethics</a>
14.30-15.00	Coffee Break ( <i>Conference Foyer</i> )		
	<b>Session 8: Social Norms and Robot Sociality (continued)</b> <i>Auditorium B</i>	<b>Session 9: Ethical Tasks and Implications II (continued)</b> <i>Auditorium C</i>	<b>Workshop 5: Artificial Phronesis (continued)</b> <i>Seminar Room A</i>
15.00-15.30	Luciana Benotti and Patrick Blackburn: <a href="#">Polite Interactions with Robots</a>	Yvette Pearson et al: <a href="#">The Ethical Impact of an Increased Presence of Robots on Human-Human Interaction (HHI) within Ageing Populations</a>	Anne Gerdes: <a href="#">The Role of Phronēsis in Robot Ethics</a>
15.30-16.00	Ingar Brinck, Christian Balkenius, Birger Johansson: <a href="#">Robots, Social Norms and the Dynamics of Interaction</a>	Filippo Santoni de Sio: <a href="#">Consent to the Use of Companionship Robots by Mentally Disordered Persons</a>	Charles Ess: <a href="#">Phronēsis, Love, and "Complete Sex"</a>
16.00-16.30	Marek Rosa: <a href="#">AI Roadmap Institute</a>	Hin-Yan Liu: <a href="#">Structural Discrimination and Autonomous Vehicles: Immunity Devices</a>	Discussion
16.30-17.00	Reception ( <i>Conference Foyer, Building <a href="#">1441</a></i> )		
17.00-18.20	<b>Plenary 10:</b> <a href="#">Wendy Ju</a> <i>Auditorium A</i>		

# Friday (October 21)

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08.30-09.00 Registration (*Conference Foyer, Building [1441](#)*)

09.00-10.20 **Plenary 11:** [Domenico Parisi](#)  
*Auditorium A*

10.20-10.40 Coffee Break (*Conference Foyer, Building [1441](#)*)

10.40-12.00 **Plenary 12:** [Benjamin Kuipers](#)  
*Auditorium A*

12.00-13.00 Lunch (*Conference Foyer, Building [1441](#)*)

**Session 10: Perceptions of Social Robots**  
*Auditorium B*

**Workshop 6: Responsible Robotics**  
*Auditorium C*

13.00-13.30 Dennis Küster and Aleksandra Świdorska: [Moral Patients](#)

13.00-13.20 Shannon Vallor: [Responsible Robotics and Moral Philosophy](#)

13.30-14.00 Maciej Musiał: [Magical Thinking and Empathy Towards Robots](#)

13.20-13.40 Arto Laitinen et al: [Robotics and Philosophical Questions of Responsibility](#)

14.00-14.30 Veronika Váňová: [Trust in Human-Robot Interaction](#)

13.40-14.00 Peter Asaro: [Responsibility and Liability in Increasingly Autonomous Agents](#)

14.00-14.20 John Sullins: [Multilevel and Hidden Responsibility in Autonomous Systems](#)

14.30-15.00 Coffee Break (*Conference Foyer*)

**Session 10: Perceptions of Social Robots (continued)**  
*Auditorium B*

**Workshop 6: Responsible Robotics (continued)**  
*Auditorium C*

15.00-15.30 Nello Barile and Satomi Sugiyama: [I Am Her\(e\)](#)

15.00-15.20 Michael Nagenborg: [Urban Robotics and Responsible Urban Innovation](#)

15.30-16.00 Hironori Matsuzaki: [Sense of Social Atmosphere \(\*Kūki\*\) and Robots That Should Read the Situation to Be Safe](#)

15.20-15.40 Deborah G. Johnson, Astrid Gynnild: [Responsible Flying Camera Robots and the Media](#)

16.00-16.30 Karolina Zawieska: [Human-Animal Analogy in Human-Robot Interaction](#)

15.40-16.00 Peter Novitzky: [Present and Future Impact of Drones](#)

16.00-16.20 Alan Winfield: [Ethical Governance is needed to build Trust](#)

16.30-17.00 Reception (*Conference Foyer, Building [1441](#)*)

17.00-18.20 **Plenary 13:** [David Gunke](#)  
*Auditorium A*