



SCHLOSS DAGSTUHL
Leibniz-Zentrum für Informatik

Schedule Tuesday 23.04.2019
Dagstuhl Seminar 19171

Thursday

- 9:00-9:10 Plenary: Guidelines for presentations (see slide)
- 9:10-10:00 Breakout: Groups prepare presentations
- 10:00-10:15 Coffee
- 10:15-12:15 Plenary: Group presentations
- 12:15-14:00 Lunch
- 14:00 -14:30 Plenary: Discussion (new questions announced)
- 14:30-15:30 Breakout: Group work
- 15:30-16:00 Cake
- 16:00-18:00 Breakout: Group work
- 18:00 Dinner

Organisers:

Michael Fisher,
Christian List
Marija Slavkovic
Astrid Weiss



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9:00-9:10	Opening	
9:10-9:30	Thomas Michael Powers	Machine Ethics: Philosophical Approaches
9:30-10:00	Raja Chatila	Robot Ethics
10:00-10:15	Coffee break	
10:15-10:35	Marc Hahnheide	Social robotics and HRI
10:40 -11:00	James Young	Trust in HRI
11:05 - 11:25	Andreas Matthias	Verification, trust and human dignity
11:30-11:50	Franz Dietrich	Formalising ethics
12:00-14:00	Lunch	
14:00 -14:20	Bertram Malle	Robots and Trust
14:30-15:30	Abeer Dyoub	Learning rules for ethical machines
	AJung Moon	The RoboEthics Institute
	Andrea Aler Tubella	How is this fair? Formalising contextual adherence to moral values
	Clare Dixon	Verification for Robotics and Autonomous Systems
	Einar Duenger Bøhn	AlphaMoral
	Emily Collins	Validation of HRI
	Felix Lindner	Hybrid Ethical Reasoning in HERA
	Hein Duijf	Responsibility Voids
15:30 - 16:00	Cake	
16:00-18:00	Holger Hermanns	Perspicuous Computing
	John F. Horty	Computational Normative Reasoning
	Jan Broersen	How can deontic logic contribute to machine ethics?
	Kai Spiekermann	What Does it Mean to Trust a Robot
	Kerstin Eder	Crowdsourcing tests to increase trust
	Kerstin Fischer	Transparency: for interaction or for public discourse?

Leon van der Torre	Designing normative theories of ethical reasoning: formal framework methodology and tool support
Louise A. Dennis	Verification of Ethics
Marcus Pivato	Robot wrongs and robot rights: what can economic theory tell us?
Maximilian Köhl	Machine ethics meets machine explainability: machine Justifications
Munindar P. Singh	Norms, ethics, and trust: a sociotechnical systems approach
Myrthe Tielman	From values to support
Robert Lieck	Context sensitive machines: learning and acting with adaptable abstractions
Sjur Kristoffer Dyrkolbotn	Artificial Intelligence incorporated
Suzanne Tolmeijer	Machine ethics: test, prove or trust?
Teresa Scantamburlo	The anatomy of machine decisions
18:00	Dinner