UPF

Society for the Advancement of Philosophy

ZAGREB APPLIED ETHICS CONFERENCE 2017

The Ethics of Robotics and Artificial Intelligence

PROGRAM

June 5–7, 2017

Matica hrvatska – Matrix Croatica

Strossmayerov trg 4 · Zagreb · Croatia

www.upf.hr/en/zaec-2017

Monday, 5 June 2017

09:00–09:15 Opening of the conference

> TOMISLAV BRACANOVIĆ, *President of the Organizing Committee*
> TOMISLAV JANOVIĆ, *President of the Society for the Advancement of Philosophy*
> STIPE KUTLEŠA, *President of the Philosophy Section of Matica hrvatska*

09:15–10:15 Plenary lecture

> BOJAN JERBIĆ, *University of Zagreb*
> Medical robotics – step ahead of known concepts of ethics

10:15–10:35 Coffee break

10:35–12:05 Session I

> FRIDERIK KLAMPFER, *University of Maribor*
> Moral and policy issues in programming autonomous cars for decision-making in cases of unavoidable harm

> JAVIER RODRÍGUEZ-ALCÁZAR, *University of Granada*
> Do driverless vehicles face moral dilemmas?

> DIJANA MAGĐINSKI, NINO TOLIĆ
> The *who* question of autonomous cars

12:05–13:30 Lunch break

13:30–15:00 Session II

> DAVOR PEĆNJAK, *Institute of Philosophy, Zagreb*
> Responsibility and autonomous weapons systems

> MIGUEL MORENO MUÑOZ, *University of Granada*
> The viability of "embedded ethics" in robotic military systems without humans in the decision loop

> LUKA OMLADIČ, *University of Ljubljana*
> Robotics ethics: the UNESCO perspective

15:00–15:20 Coffee break

15:20–16:50 Session III

> KRISTINA ŠEKRST, *University of Zagreb*
> Nazi sex robots: moral reasoning guided by computational complexities

> AURA-ELENA SCHUSSLER, *Babeş-Bolyai University, Cluj-Napoca*
> Sexbots and the issue of sexual solipsism – new ethical perspectives

> PAULO ALEXANDRE E CASTRO, *University of Algarve*
> Sexbots are really social robots? Some considerations on the impossibility of ethics

Tuesday, 6 June 2017

09:00–10:30 Session IV

> MAIKE KLEIN, *University of Stuttgart*
> The moral relevance of emotions in artificial systems

> TOMISLAV JANOVIĆ, *University of Zagreb*
> What (if anything) can we learn from mindreading robots?

> FABIO FOSSA, *University of Pisa*
> Between functioning and acting. "Autonomy" and "morality" in human beings and machines

10:30–10:50 Coffee break

10:50–12:20 Session V

> MARCIN GARBOWSKI, *John Paul II Catholic University of Lublin*
> The personalist proposal for a solution for AI ethics dilemmas

> ROSANGELA BARCARO, MARTINA MAZZOLENI, PAOLO VIRGILI,
> *Italian National Research Council, Genoa / Ministry of Justice, Genoa*
> Ethics of care and robots care givers: the evolution of robots through human care giving

> ZOE PORTER, *University of York*
> *Eudaimonia* for older people in the robotic age

12:20–14:00 Lunch break

14:00–15:30 Session VI

> IHSAN BARIS GEDIZLIOGLU, *John Cabot University, Rome*
> What they can do & what they should do?

> LILIAN BERMEJO-LUQUE, *University of Granada*
> The only rule that a super intelligent robot must obey

> CANSU CANCA
> RECs for artificial intelligence: an unintelligent choice

**17:00 Guided sightseeing of the historical centre of Zagreb
for participants of the conference**

Wednesday, 7 June 2017

09:00–10:30 Session VII

> ANDREAS MATTHIAS, *Lingnan University, Hong Kong*
> Moral imperialism and the social dynamics of human-robot interactions

> FRANCISCO LARA SÁNCHEZ, *University of Granada*
> Artificial intelligence and moral enhancement

> TOMISLAV MILETIĆ, *University of Rijeka*
> Moral enhancement and distributed intelligence: Is the age of Plato's guardians upon us?

10:30–10:50 Coffee break

10:50–11:50 Session VIII

> ANÍBAL MONASTERIO ASTOBIZA, *University of Oxford*
> The ethics of AI and AI based modelling of ethics

> SANDRO SKANSI, *University College Algebra, Zagreb*
> Deep learning and the rise of connectionism in artificial intelligence

11:50–13:30 Lunch break

13:30–14:30 Session VIII

> ROSALLIA DOMINGO, *Central European University, Budapest*
> Cyborg embodiment: Exploring the concept of body and technology hybridity in Mamoru Oshii's *Ghost in the Shell*

> JASMIN POLJAK, JOSIP NAGLIĆ, *Natural Science and Graphics School Rijeka*
> The division of responsibility between the publisher and the user of upgrade

14:30 Closing of the conference

20:00 Conference dinner