IEEE ICRA 2020 Full Day Workshop

How will Autonomous Robots and Systems Influence Society?

Debate from technological, philosophical, ethical, legal, and social implications perspectives

4th June, 2020, 9:00 a.m. - 0:00 p.m. CET Zoom mtg.
~~Room 326/327M in Palais de Congres, Paris, France~~

In recent years, AI and robotics technologies have been empowering artificial systems and robots with a certain kind of "autonomy." It is time to reconsider the meaning of "autonomy" in artificial systems from not only technological aspect, but from more broader perspectives such as moral, ethical, legal and social ones. In this workshop, speakers will show their thoughts and ideas on the issues from diverse perspectives: technological (robotics, AI, neuroscience, psychology, cognitive science and so on), philosophical, ethical, legal, and social implications aspects. The aim of this workshop is to share the idea to solve the potential issues of the current and future autonomous robots and systems. Further, we aim to design AI and autonomous systems with human capabilities (such as abstract thinking and adaptability) and beliefs (such as trust and acceptability) in mind.

Main Invited Speaker

Web page:
http://osku.jp/n0582

Peter-Paul Verbeek (Univ. of Twente)
Moralizing Technology: Understanding and Designing the Morality of Things, University of Chicago Press, 2011.

Invited Speakers
・Giulio Mecacci (Delft Univ. of Tech./Radboud Univ.)
・Filippo Santoni de Sio (Delft Univ. of Tech.)
・François Goulette (MINES ParisTech)
・Maria Isabel Aldinhas Ferreira (Univ. de Lisboa)

Organizers
・Minoru Asada (Osaka Univ.)
・Raja Chatila (Sorbonne Univ.)
・Tatsuhiko Inatani (Kyoto Univ.)
・Phillip Morgan (Cardiff Univ.)
・Yuji Kawai (Osaka Univ.)

Call for Papers

We cordially invite researchers to submit short papers, extended abstracts, or reports. All manuscripts are limited to 4 pages and should use the IEEE standard two-column conference format.
See the web page for more information and full submission details.

Topics
・Design theory of autonomous systems/robots
・Applications of autonomous systems/robots in society
・Laws for autonomous systems/robots
・Ethics of technology and autonomous systems/robots
・Social implications of autonomous systems/robots
・Psychology in interactions with autonomous systems/robots

Important Dates

Submission Deadline:
3rd April, 2020
Acceptance Notification:
24th April, 2020
Workshop:
4th June, 2020