International Conference on Robot Ethics and Standards (ICRES 2018)

Rensselaer Polytechnic Institute
August 20 and 21, 2018

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Dear Colleagues,

We are pleased to inform you that the International Conference on Robot Ethics and Standards (ICRES 2018) will be held at Rensselaer Polytechnic Institute (RPI) in Troy, New York on August 20 and 21 of 2018. Social-event days (Aug 19 &/or 22) are likely to be offered as options; Saratoga Springs NY etc make New York's Capital District a major tourist destination in August.

ICRES aims to provide a multidisciplinary forum for discussing the fundamental and pressing safety, ethical, legal, and societal issues in Artificial Intelligence and Robotics. Following the International Conference on Robot Ethics (ICRE 2015) and the International Conference on Robot Ethics and Safety Standards (ICRESS 2017), the third iteration in the conference series will discuss ethical and safety concerns in AI and robotic systems (not limited to physical robots). We invite full papers, posters, and extended abstracts on the topics below (not an exhaustive list):

1. Autonomy and liability
2. Ethical principles in robotics
3. Defining ethical guidelines for the design, use, and operation of robots
4. Enhancement technologies: ethical issues
5. Privacy and the management of personal data
6. Ethical frameworks: universal or region-specific?
7. The role of industry and society in the definition of safety standards
8. AI technology to block unethical/mendacious social-media communication
9. Accountability in autonomous systems
10. Embedding values and norms into intelligent systems
11. Ethics and standardization
12. Raising ethical awareness among stakeholders
13. Transparency in autonomous systems
14. Political and legal frameworks
15. Formal and mathematical frameworks for robot ethics
16. Implementations and engineering studies
17. User and HCI/HRI studies at the intersection of the above issues

Accepted submissions will be presented as posters or talks at ICRES 2018. A selection of the best submissions will be published in a book, as has been the case with the 2015 and 2017 versions of the conference series.

Key Dates

1. ~~April 30 2018~~: Papers due May 20, 2018: Extended Deadline
2. ~~June 8 2018~~: Reviews and notifications June 22, 2018: Extended Deadline
3. ~~July 1 2018~~: Final camera-ready papers due July 21, 2018: Extended Deadline
4. ~~July 20 2018~~: Preliminary program August 1, 2018: Extended Deadline
5. August 20 and 21 2018: Conference

Submission

Authors will submit their papers in PDF using the templates posted on the submission website. Full papers can be up to 8 pages in length. Posters and extended abstracts can be up to 2 pages in length. All submissions will under undergo a single-blind peer-review process.

Organizers

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