



ICRES 2019

International Conference on Robot Ethics and Standards

London, UK, 29-30 July 2019

<https://www.icres2019.org>



Conference General Chairs

M. Osman Tokhi
London South Bank University, UK
Isabel Ferreira
University of Lisbon, Portugal

International Scientific Committee

Naveen Sundar Govindarajulu,
Rensselaer Polytechnic Institute, NY, USA

International Advisory Committee

Gurvinder S Virk
CLAWAR Association, UK

Organising Committee

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University of Portsmouth, UK
Sarah Fletcher
Cranfield University, UK

Special/Workshop Sessions

Khaled Goher
University of Lincoln, UK
Gurvinder S Virk
CLAWAR Association, UK

Robot Exhibition

Isabel Ferreira
University of Lisbon, Portugal
Manuel F. Silva
ISEP & INESC TEC, Portugal

Publicity

Khaled Goher
University of Lincoln, UK
Dimitris Chrysostomou
Aalborg University, Denmark

Local Arrangements

Saim Memon
London South Bank University, UK
Ousmane Oumar
London South Bank University, UK

Web-site

Significado Lógico, Portugal
Isabel Ferreira, Univ Lisbon, Portugal
Dimitris Chrysostomou, Aalborg Univ,
Denmark

Conference Web-site:

<https://www.icres2019.org>

Conference Email:

contact@icres2019.org

CALL FOR CONTRIBUTIONS

ICRES 2019 is the fourth edition of the International Conference on Robot Ethics and Standards series, and will be held within the premises of London South Bank University, London, UK during 29- 30 July 2019. The ICRES conference series provides a multidisciplinary forum for discussing the fundamental and pressing safety, ethical, legal, and societal issues in Artificial Intelligence and Robotics, and the scope is not limited to physical robots. Contributions in the form of full papers, posters, and extended abstracts are invited for possible inclusion in the conference on the, none-exhaustive list of, topics below:

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

KEY DATES

15 December 2018: Proposals for workshops & Special Sessions

15 February 2019: Submission of full/draft paper

01 April 2019: Notification of paper acceptance

01 May 2019: Submission of final (accepted) papers

01 May 2019: Author and early bird registration

15 June 2019: Preliminary program

29-30 July 2019: Conference

SUBMISSION OF PAPERS

Authors are invited to submit their papers in PDF format using the templates posted on the submission page of the conference 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 undergo a single-blind peer-review process, and accepted submissions will be included in the conference program and proceedings, subject to at least one author registering and presenting their work.

WORKSHOPS/SPECIAL SESSIONS

Potential organisers are invited to submit their workshops/special session proposals to Khaled Goher or Gurvinder Virk by the key deadline date. The proposals will include the title, aim and scope of the session with a list of potential contributions. All papers submitted for inclusion in the session will go through the conference peer review process.

ROBOT EXHIBITION

The robot exhibition will be organised around the theme of “Robot-Human and Human-Robot”, and in addition to physical hardware will include videos and software models and animations. Potential exhibitors are invited to view the exhibition page in the conference web-site for details of the requirements and process of taking part in the exhibition.

