ICRES 2020
5th International Conference on Robot Ethics and Standards
Taipei, Taiwan, 28-29 Sept 2020
https://clawar.org/icres2020/

Conference General Chairs
Tzeng-Yow Lin
Industrial Technology Research Institute, Taiwan

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Robot Exhibition
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Conference Web-site:
https://clawar.org/icres2020/

Conference Email:
icres2020@clawar.org

CALL FOR CONTRIBUTIONS

ICRES 2020 is the fifth edition of the International Conference on Robot Ethics and Standards series, and will be held Taipei, Taiwan during 28–29 September 2020. 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

01 May 2020:	Proposals for workshops & Special Sessions
12 June 2020:	Submission of full/draft paper
03 July 2020:	Notification of paper acceptance
30 July 2020:	Deadline for submission of Late Breaking Papers
01 August 2020:	Submission of final (accepted) papers
01 August 2020:	Author and early bird registration
07 August 2020:	Notification for acceptance of Late Breaking Papers
14 August 2020:	Submission of final (accepted) Late Breaking Papers
01 September 2020:	Preliminary program
28-29 September 2020:	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 workshop/special session proposals to Khaled Goher 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.