ECIAIR 2022

4th European Conference on the Impact of Artificial Intelligence and Robotics

A Virtual Conference Supported by EM Normandie, Oxford Campus, UK
1 - 2 December 2022

Mini Track on Ethics of AI & Robotics

Mini Track Chair: Prof Ali Hessami, City University, London, UK

With the rapid advancement and application of Autonomous Decision Making and Algorithmic Learning Systems often referred to as AI, the consideration of societal values impacted by such artefacts should be underpinned by guidelines, standards and independent certification to engender trust by all stakeholders. This track covers all aspects of exploration, consultation, articulation of ethical requirements, risk based design, deployment, monitoring and decommissioning for a whole life cycle ethical assurance of AI and robotic systems.

Suggested topics include but are not limited to:

- Value Based/Sensitive Design
- Consideration of Ethics in Autonomous Decision Making
- Facets of Technology/Robotic Ethics
- Independent Verification of Conformity to Ethics
- Emerging AI Ethics Guidelines, Standards and Certification Criteria

Prof Ali Hessami is Director of R&D and Innovation at Vega Systems-UK. He represents UK on CENELEC & IEC safety & security systems, hardware & software standards and chairs the IEEE Humanitarian Technologies and the Systems Council Chapters in the UK and Ireland Section. Ali is Technical Editor and Chair of IEEE 7000 standard on technology ethics and the VC and Process Architect of the IEEE 's global Ethics Certification Programme for Autonomous and Intelligent Systems. Ali is Visiting Professor at London City University and Beijing Jiaotong University. He is a Fellow of Royal Society of Arts (FRSA), Fellow of the UK Institution of Engineering & Technology (IET) and a Senior Member of IEEE.

Submission details

In the first instance a 300 word abstract is required, to be received by **11 May 2022.** Submissions must be made using the online submission form at: https://www.academic-conferences.org/conferences/eciair/eciair-abstract-submission/

If you have any questions about this track please email the mini track chair: Hessami@vegaglobalsystems.com

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