



TRUST, ACCEPTANCE AND SOCIAL CUES IN HUMAN ROBOT INTERACTION (SCRITA)

GUEST EDITORS

Alessandra Rossi, School of Engineering and Computer Science, University of Hertfordshire, UK
Patrick Holthaus, School of Engineering and Computer Science, University of Hertfordshire, UK
Silvia Moros, School of Engineering and Computer Science, University of Hertfordshire, UK
Gabriella Lakatos, School of Engineering and Computer Science, University of Hertfordshire, UK
Marcus Scheunemann, School of Engineering and Computer Science, University of Hertfordshire, UK

DESCRIPTION

This special issue in *Paladyn, Journal of Behavioral Robotics* is based originally on the "Trust, Acceptance and Social Cues in Human Robot Interaction – SCRITA 2020" third edition Workshop held at the 29th IEEE International Conference on Robot & Human Interactive Communication (RO-MAN) but also open to external authors!

The special issue focuses on investigating users' trust in robots. Although the previous editions had the pleasure to welcome the participation of leading researchers in the field, and several exceptional invited speakers, who identified some of the principal points in this research direction, current research still presents several limitations. For this reason, we continue to further explore the role of trust in social robotics to effectively support the design and development of socially acceptable and trustable service robots. In this context, a deeper exploration of trust in human-robot interaction (HRI) approached from a multidisciplinary perspective (including AI, Psychology, Ethics and Law) is required. Therefore, this special issue will explore the different aspects of human-robot interaction that can affect, enhance, undermine, or recover humans' trust in robots, such as the use of social cues, behaviour transparency (goals and actions).

This thematic special issue strongly encourages submissions of high-quality research papers from leading researchers in the fields addressing (but are not limited to) the following aspects:

- ▶ impact of social cues on trust in human-robot interaction
- ▶ measuring trust in human-robot interaction
- ▶ trust violation and recovery mechanism in HRI
- ▶ effects of humans' acceptance on trust of robots
- ▶ humans sense of control and trust in robots
- ▶ trust and assistive robotics
- ▶ overtrust in robots
- ▶ antecedent of trust and robot trust
- ▶ enhancing humans trust in robots
- ▶ enhancing trust in a robot companion

- ▶ privacy implications on trust in HRI
- ▶ mental models and trust in HRI
- ▶ trust and safety in HRI
- ▶ ethics implications on trust in HRI
- ▶ trustworthy AI
- ▶ legal frameworks for trustworthy robotics

Authors are requested to submit their full research papers complying the general scope of the journal. The submitted papers will undergo the standard peer-review process before they can be accepted. Notification of acceptance will be communicated as we progress with the review process.

HOW TO SUBMIT

Before submission authors should carefully read the [Instructions for Authors](#).

Manuscripts can be written in TeX, LaTeX (strongly recommended). Use the journal's [LaTeX template](#). Please note that we do not accept papers in Plain TEX format. Text files can be also submitted as standard DOCUMENT (.DOC) which is acceptable if the submission in LaTeX is not possible. **For an initial submission, the authors are strongly advised to upload their entire manuscript, including tables and figures, as a single PDF file.**

All submissions to the Special Issue must be made electronically via the online submission system Editorial Manager: www.editorialmanager.com/paladyn/

All manuscripts will undergo the standard peer-review process (single blind, at least two independent reviewers). When entering your submission via the online submission system please choose the section "*SI on Trust, Acceptance and Social Cues in Human Robot Interaction*".

Submission of a manuscript implies that the work described has not been published before and it is not under consideration for publication elsewhere.

The deadline for submissions is now extended by 15 May 2021. Earlier submissions will be reviewed and published online on an ongoing basis.

Contributors to the Special Issue will benefit from:

- ▶ **indexation in SCOPUS**
- ▶ **NO submission FEES**; voluntary publication fees*
- ▶ constructive peer review provided by experts in the field
- ▶ **no space constraints**
- ▶ quick online publication upon completing the publishing process (**continuous publication model**)
- ▶ content converting to xml
- ▶ better visibility due to **Open Access**
- ▶ **liberal policies on copyrights** (authors retain copyrights) and on self-archiving (no embargo periods)
- ▶ **long-term preservation** of the content (articles archived in Portico)
- ▶ promotion of published papers to readers and citers

*The journal is subject to a VOLUNTARY Article Processing Charge (APC) which only accounts for accepted manuscripts. There are no submission fees. The journal always reserves a space for free publication for authors who have no funds. Nevertheless, any financial support will be greatly appreciated!

We are looking forward to your submission!

In case of any questions please contact:

Dr. Alessandra Rossi (lead Guest Editor; a.rossi@herts.ac.uk)

Dr. Patrick Holthaus (Guest Editor, p.holthaus@herts.ac.uk)

Ms. Sílvia Moros (Guest Editor, s.moros-espanol@herts.ac.uk)

Dr. Gabriella Lakatos (Guest Editor, g.lakatos@herts.ac.uk)

Mr. Marcus Scheunemann (Guest Editor, m.scheunemann@herts.ac.uk)

Dr. Justyna Żuk (Managing Editor of Paladyn. JBR; Justyna.Zuk@degruyter.com)