SS3: Designing Trust and Context in Human AI/Robot Interaction

Organizer
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Description
Depending on the quality, quantity, and bias in data and knowledge used, AI open makes mistakes. Similarly, a robot equipped with AI may misinterpret its context and perform erroneous actions. However, many people, due to their assumptions and prejudices, are unable to evaluate AI performance fairly, and uncritically accept or reject the solutions provided by AI. At the same time, people are unable to respond appropriately to robots that behave inappropriately in context. This is an important problem when humans, AI, and robots cooperate in decision making. In this workshop, we will discuss how to design trustworthy interactions between humans, AI, and

robots and their contexts. In particular, we will discuss how to build trust between humans and AI, maximize performance in interactions, and exercise that trust in appropriate contexts. The workshop will consist of a half-day session with three invited speakers and about eight presenters. The presentations in this session are consistent with the scope of ICRES 2024 and will stimulate discussion at the conference.