ACM Transactions on Interactive Intelligent Systems (TiiS)

Call for Special Issue Proposals 2022

Editor in Chief
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The ACM Transactions on Interactive Intelligent Systems (TiiS) was founded for researchers and practitioners to publish and learn about state-of-the-art, interdisciplinary research at the intersection of Artificial Intelligence (AI) and Human-Computer Interaction (HCI). TiiS has now become the premier journal to feature innovations for designing, developing, and evaluating *human-centered AI systems* with two defining characteristics: intelligence and interactivity. In 2020, TiiS received its SCI impact factor, which ranks the journal the highest among the new journals. As TiiS has been receiving an increasing number of submissions including special issue proposals, it now could accommodate only one special issue per year. To feature the most innovative, themed human-centered AI efforts, we invite thought leaders in AI and HCI to edit a special issue that is to be published in 2022.

Topics/Themes

A special issue proposal should cover one of the following topics/themes:

- **Explainable AI**. Research efforts that enable humans to unbox the AI/machine learning "black box", and innovative, human-in-the-loop machine learning or AI training systems.
- **Trustworthy AI**. Research on the fundamental understanding of human-machine trust, technologies and systems that foster human-machine trust, and novel methods of measuring trust.
- **Democratized/Accessible AI**. Innovative research efforts that make AI widely accessible, including out-of-the-box interactive AI systems and no-coding/low-coding tooling that enables non-IT users to adopt and customize such systems.
- **Other human-centered AI themes** that advance and accelerate the adoption of interactive, human-centered AI systems, including novel large-scale, real-world applications, AI ethics for such systems, and methods for evaluating such systems.

Important Dates

- Special issue proposal due: August 13th, 2021
- Notification of acceptance: September 3rd, 2021.
- Call for Special issue papers (CFP): October 1st, 2021
- Special Issue papers due: January 14th, 2022.

Submission Information and Evaluation Criteria

A proposal should include two parts. The first part should include a couple of paragraphs describing the rationales behind the proposed topic, such as research trend and potential impact, and a paragraph describing the guest editorial team and its qualification per the evaluation criteria below. The second part should include a one-page Call-for-Papers for the special issue, similar to the past TiiS special issue CFP. Please email your proposal in a PDF format to tiis-eic@acm.org.

The proposed special issue will be evaluated by two main criteria:

1. **Proposed topic**. The selected proposal should feature the emerging, hot topics in human-centered AI as described above, with an emphasis on the intersection of two defining characteristics: intelligence and interactivity.
2. **Guest editorial team**. The guest editorial team should include experts in both AI and HCI, from both academia and industry, ideally across the globe, with editorial experiences in key journals or conferences in both fields. Past editorial experience with TiiS is a plus but not required.

For questions and further information, please contact **tiis-eic@acm.org.**