



The rapid proliferation of digital systems and the exponential growth of data have necessitated a paradigm shift in cybersecurity strategies. With the rise of cognitive intelligence—a synergy of artificial intelligence and human cognition, there is increasing interest in leveraging its capabilities to enhance security, trust, and privacy in human-machine collaborative environments. The International Workshop on Cognitive Intelligence, Cybersecurity, and Privacy in the Human-machine Collaboration (CICP 2025) will be held in conjunction with the 24th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom2025) on November 2025 in Guiyang, Guizhou, China. CICP 2025 is now soliciting high-quality research papers that address emerging challenges and opportunities at the intersection of cognitive intelligence, cybersecurity, and privacy, with a focus on the human-machine collaboration.

**Topics of interest include, but are not limited to:**

Cognitive Intelligence in the Human-Centric Product Design, Manufacturing, and Maintenance

Privacy-Preserving Artificial Intelligence in Human-machine Collaborative Systems

Explainable Artificial Intelligence in the Cybersecurity Decision-Making

Cognitive Digital Twins for the Cyber-Physical Security

Human-Machine Trust Mechanisms in the Industrial Internet-of-Things

Behavioral Biometrics for the Secure Human-machine Interaction

**Important Dates:**

- Paper submission deadline: **before August 1st, 2025**
- Author notification: **October 1st, 2025**
- Final manuscript due: **October 15th, 2025**

**Submission Instructions**

Papers submitted to CICP 2025 should be written in English conforming to the IEEE Conference Proceedings Format (8.5" x 11", Two-Column). The paper should be submitted through the EDAS (<https://edas.info/N34041>). The length of the papers should not exceed 6 pages. Accepted and presented papers will be included into the IEEE Conference Proceedings published by IEEE CS CPS and submitted to IEEE Xplore. Authors of accepted papers, or at least one of them, are requested to register and present their work at the conference, otherwise their papers will be removed from the digital libraries of IEEE CS after the conference. Distinguished papers presented at the conference, after further revision, will be recommended to special issues of reputable SCI/EI-indexed journals. Submitting a paper to the workshop means that, if the paper is accepted, at least one author should attend the Symposium and present the paper.

**PC Members**

- Xuanyu Wu, Guizhou University, China
- Bingtao Hu, Zhejiang University, China
- Shanhe Lou, Nanyang Technological University, Singapore
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