2025 IEEE International Conference on Cyber Humanities
8-10 September 2025, Florence (IT) - www.ieee-ch.org

Important dates

Paper submission deadline:
May 5, 2025
Authors' notification:
May 20, 2025
Camera-ready submission:
May 28, 2025
Early registration deadline:
May 30, 2025
Conference dates:
Sept 8–10, 2025

Workshop chairs

Nikolaos Ntampakis (GR)

Technical program committee

Nikolaos Ntampakis (GR)
Panagiotis Sarigiannidis (GR)
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Workshop
GTAI: Green Trustworthy AI for Digital Humanities and Cultural Heritage

The GTAI workshop aims to explore the intersection of Green (energy-efficient) and Trustworthy AI technologies with applications mostly in digital humanities and cultural heritage. As AI becomes increasingly integrated into humanities research and cultural preservation, there's a growing need for AI systems that are not only accurate and explainable but also environmentally sustainable. This workshop will highlight how techniques for data-efficient and compute-efficient AI can reduce the environmental impact of digital humanities projects while maintaining high standards of accuracy, fairness, and transparency. GTAI workshop will examine how AI explainability frameworks enhance trust in systems used for analyzing cultural artifacts and humanistic data. GTAI will also address the ethical challenges of deploying AI in cultural contexts, exploring methods for synthetic data generation that preserve privacy while enabling robust model training. By bridging technological innovation with humanities applications, the workshop aims to foster interdisciplinary collaboration and promote responsible AI development that serves humanities scholarship while minimizing environmental footprint.

The workshop will be held in conjunction with the IEEE CH 2025 conference as a **hybrid event**, during September 8–10, 2025. Prospective authors are encouraged to submit previously unpublished contributions from a broad range of topics, which include but are not limited to the following:

› Green Computing and Sustainability Models	› AI Explainability
› AI based Information access and retrieval	› Ethical AI
› LLM based digital public historyanalysis	› Human Centered Design
› Cloud Computing / Ubiquitous Computing	› Privacy and data protection
› Preserving Digital twins of Cultural Assets	› Metadata generation

The CH-GTAI workshop will accept high-quality research papers presenting strong theoretical contributions, applied research and innovation results obtained from funded cyber-security and resilience projects, and industrial papers that promote contributions on technology development and contemporary implementations.

Submitted manuscripts should not exceed 6 pages (plus 2 extra pages, being subject to overlength page charges) and should be of sufficient detail to be evaluated by expert reviewers in the field. Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. Detailed information about paper submission and guidelines for authors can be found at the workshop's website `https://www.ieee-ch.org/gtai`.

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