

REED-AI

Responsible, Explainable,
and Ethical-by-Design Artificial Intelligence
in Clinical Applications

Emerging Area Track • ACM TRUST 2027

March 7-9, 2027
Washington, DC, USA

Track Chairs

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Important Dates

Oct 24, 2026

Abstract registration

Oct 31, 2026

Paper submission

Dec 31, 2026

Acceptance notification

Feb 28, 2027

Camera-ready manuscript

Mar 7-9, 2027

Conference • Washington, DC

Description

REED-AI advances trustworthy AI methods and deployment frameworks for healthcare. We invite original research, position papers, and case studies on transparent, robust, accountable, safe, and ethically aligned clinical AI. The track emphasizes real-world translation, including generalizability, reliability, clinician trust, workflow integration, regulatory readiness, and societal impact, and connects researchers, clinicians, industry, policymakers, and regulators.

Track Topics

- AI for Precision Medicine and Personalized Care
- AI Governance, Regulation, and Compliance in Clinical Environments
- Benchmarking, Validation, and Reproducibility of Clinical AI
- Clinical Natural Language Processing and Large Language Models
- Ethical-by-Design AI Methodologies and Frameworks
- Explainable AI for Medical Imaging and Computer-Assisted Diagnosis
- Explainable and Interpretable AI for Clinical Decision Support
- Fairness, Bias Detection, Bias Mitigation, and Equity-Aware AI
- Foundation Models and Generative AI for Healthcare
- Generalizable AI Across Institutions, Populations, and Care Settings
- Human Factors and User-Centered Design for Healthcare AI
- Post-Deployment Monitoring and Lifecycle Management of AI Systems
- Privacy-Preserving and Federated Learning in Healthcare
- Real-World Deployment, Implementation Science, and Clinical Translation
- Robustness, Reliability, Privacy, and Safety of Clinical AI Systems
- Synthetic Data and Responsible Generative Methods in Healthcare
- Transparency, Accountability, and Auditable AI Systems
- Trust Calibration and Human-AI Collaboration in Healthcare
- Trustworthy AI for Digital Health and Remote Patient Monitoring
- Uncertainty Quantification and Confidence-Aware Clinical AI
- Vision-Language and Multimodal AI for Clinical Applications

Submission Information & Instructions

Important Links

REED-AI
Call for Papers



Submission
Portal



Paper
Submission

**Oct 31
2026**

- **Format:** PDF, 2-column ACM sigconf template
- **Length:** up to 9 pages, including appendix
- Unlimited additional pages for references and the required GenAI Usage Disclosure
- Remove author names, affiliations, identifying metadata, and obvious self-references
- Accepted papers: ACM Digital Library; indexed in EI Compendex and Scopus