IEEE/ACM CHASE 2026

Pittsburgh, PA, USA
August 4-6, 2026

Workshop: Data Quality Aware, High-Performance, and Trustworthy AI Systems for Healthcare

Important Dates

Submission Deadline:
~~March 16, 2026~~
April 19, 2026
Notification of Acceptance:
~~April 10, 2026~~
May 21, 2026
Camera-Ready Submission:
~~April 20, 2026~~
May 31, 2026
Workshop Date:
August 6, 2026 (tentative)

Workshop Organizers

Dr. Haihua Chen
Anuradha and Vikas Sinha
Department of Data Science
University of North Texas, USA

Dr. Ana D. Cleveland
Department of Information
Science
University of North Texas, USA

Dr. Daqing He
Department of Informatics and
Networked Systems
University of Pittsburgh, USA

Dr. Chen Li
D3 Center
University of Osaka, Japan

Dr. Deevakar Rogith
Department of Clinical and
Health Informatics
UTHealth Houston, USA

Overview

This workshop focuses on advancing trustworthy AI in healthcare by addressing data quality, a critical yet often overlooked factor in AI development, aiming to unite experts to explore innovative solutions, transparent best practices, and future strategies.

Key Topics of Interest

Data Quality in Healthcare
- Data quality frameworks, assessment, and improvement.
- Data-centric AI approaches for healthcare.
- Task-driven data quality assurance for healthcare AI.
- Multi-modal and multi-source data fusion in healthcare.

Bias and Fairness
- Mitigation of hallucinations, demographic bias, and ethical implications.
- Fairness in healthcare datasets and applications.

Integration and Trustworthiness
- Seamless ("zero-click") integration of imaging AI in physicians' workflow.

Large Language Models (LLMs)
- LLM applications for bias mitigation, transparency, synthetic data, retrieval-augmented generation, and evaluation of the LLM capacity.

Human Interaction
- Human-in-the-loop systems for quality control.
- Case studies and applications of data-quality-aware AI in healthcare.

Submission Guidelines

- **Research Papers:** in 6 pages, original and unpublished, focusing on novel solutions or emerging challenges; accepted papers will be presented orally and included in the IEEE Xplore Digital Library.
- **Posters:** 2 pages (plus references) for early-stage or in-progress work; presented as posters and published online.
- **Demos:** 1-page proposals (plus references) outlining technologies or systems for live workshop demonstrations.
- **Format:** IEEE conference template
- **Submission Link:** https://easychair.org/conferences/?conf=tais4h2026

In conjuction with IEEE/ACM CHASE 2026: The Eleventh IEEE/ACM Conference on Connected Health