

CAIMed Meet-up: Trustworthy AI, Causality and Deep Learning for Medicine

November 29, 2:00 PM – 5:30 PM
30159 Hannover, Lange Laube 6 –
Room A112, 1st floor



Agenda

- 2:00 PM – 2:10 PM

Welcome & Introduction – (Prof. Dr. techn. Wolfgang Nejdl, CAIMed, University of Hannover)
- 2:10 PM – 3:30 PM

Session 1: Causal Representation Learning & Foundation Models
CAIMed – Junior Research Group on AI & Causality
 AI Foundation Models in Genomics – Dr. Michelle Tang
 Exploring Causal AI Avenues in Medicine – Azlaan Mustafa Samad, M.Sc.
 Cancer Type Prediction and Causal Hypergraphs – Johanna Schrader, M.Sc.
 Large Language Models for Psychotherapy – Julian Laue , M.Sc.
- 3:30 PM – 4:00 PM

Session 2: RESIST: Remapping EIT signals using an implicit spatially-aware transformer – (Dominik Becker, M.Sc. University of Göttingen)
- 4:00 PM – 4:30 PM

Session 3: AI-based Digital Pathology in Oncology and Cancer Screening – (Felipe Miranda Ruiz, M.Sc. and Prof. Dr. Niels Grabe, CAIMed, University Medical Center Göttingen)
- 4:30 PM – 4:35 PM

Wrap-up / What’s coming next? – (Prof. Dr. Marius Lindauer, CAIMed, University of Hannover)
- 4:35 PM – 5:30 PM

Reception & Networking