MCHM25: Multimedia Computing for Health and Medicine

Date: 28th October 2025

Time (GMT+1)	Keynote / Paper Title
09:00 - 09:05	**Opening**
09:05 - 09:35	**Keynote 1:** *Recognition and Retrieval of Events in Surgery Videos with Recent Deep Learning Methods* (Prof. Klaus Schöffmann)
09:35 - 09:50	*Continual Learning for EEG-Based Multiple Neurological Disorder Classification*
09:50 – 10:05	*CAVIR Cognitive Assessment in VR: An Eye-tracking and Machine Learning Approach*
10:05 – 10:20	*Generate, Align and Predict (GAP): Detecting Neurocognitive Disorders via Cross-modal Consistency in Narratives*
10:20 - 10:50	Break
10:50 - 11:20	**Keynote 2:** *Digital Pathology - A Powerful Weapon against Cancer* (Prof. Huiyu Zhou)
11:20 - 11:35	*PRESTIGE-ST: Patch Resolution and Encoder STrategies for Inference of Gene Expression from Spatial Transcriptomics*
11:35 - 11:50	*An Uncertainty-aware DETR Enhancement Framework for Object Detection*
11:50 - 12:05	*Learning Joint Text and Visual Tokens in CLIP for Medical Image Analysis*
12:05 - 12:15	*Vision-Language Models for Automatic Captioning and Cross-Modal Retrieval*
12:15 - 12:30	*Award Session*

Keynote: 30min (27min presentation + 3min Q&A)

Paper: 15min (12min presentation + 3min Q&A)