

Poster #	Name	Title
1	Sheethal Bhat	Improving Clinical Usability of Deep Learning for Radiographic Diagnosis: Learning under Constraints of Specificity, Data, and Annotation
2	Haojun Jiang	Towards AI-guided Cardiovascular Ultrasonography with Large-scale Implicit Structural Learning
3	Richard Osuala	Generative Deep Learning for Cancer Image Analysis
4	Sahar Nasirihaghighi	Data-Efficient Learning for Generalizable Surgical Video Understanding
5	Daniele Falcetta	Annotation-Efficient Selection and Collaborative Datasets for Clinical Translation in Brain Vessel Segmentation
6	Yasmeena Akhter	Multimodal AI for Equitable Respiratory Disease Diagnosis: From Chest X-rays to Cough Sounds in Resource-Constrained Healthcare
7	Alexey Novikov	Anatomy-Aware and Resource-Efficient Medical Image Analysis in 2D and 3D
8	Raffaele Mineo	Advancing Healthcare with Multimodal AI: Enhanced Diagnosis, Cognitive Monitoring, and Inclusive Medical Communication
9	YoungSeok Kim	A New COPD Diagnostic Method Using Radiomics and Artificial Intelligence in Chest CT Imaging
10	Amar Kumar	Deep Generative Models for Explainability and Fairness in Medical Image Analysis
11	SAI NATARAJAN THRI	High resolution 3D modelling of lumbar spine from low resolution MRI using deep learning
12	Niklas Babendererde	Dynamic Learning of Histopathology in the Spatio-Temporal Continuum
13	Yunzhi Xu	Addressing Data Scarcity and the Clinical Trust Deficit: Generative AI Models and Applications for Neuroimaging
14	S Shailja	Reeb Graphs for Topological Connectomics
15	Yannik Glaser	Domain-specific Foundation Models for Science Applications: Self-supervised Learning with SAR and DXA
16	Jieneng Chen	Building Cancer AI Systems to Accelerate the Cancer Moonshot Using Medical Images
17	Francis Xiatian Zhang	Clinical Video Analysis with Geometric Feature Enhanced Deep Learning
18	Mingyuan Meng	Toward Next-generation Medical Vision Backbones: Modeling Finer-grained Long-range Visual Dependency
19	Ethan Dack	Developing Robust and Generalizable AI for Diagnostic Support Across Medical Imaging Modalities
20	Noa Cahan	From Fusion to Diffusion for early Pulmonary Embolism detection and severity prediction
21	Gasper Podobnik	Auto-segmentation of organs-at-risk in CT and MR imaging for radiotherapy
22	Uma-Maria Lal-Trehan	Deep Learning for Stroke Imaging: Enhancing Focus, Efficiency, and Fairness
23	Azad Singh	Self-supervised Encoding of Chest Radiographs for Learning Generalized Representations
24	Liu Jie	Enabling Generalizable Medical Imaging Analysis with Adaptation and Enhancement
25	Luis Carlos Rivera Mor	Interconnected Pathology: A Graph-Based Framework for Analyzing Multimodal Histopathology Samples
26	Omnia Alwazzan	Deep Multi-Modality Fusion for Integrative Healthcare
27	Chelsea Seargent	The use of deep learning for the generation of synthetic CT from on-treatment cone-beam CT and its application to adaptive radiotherapy
28	Somayeh Farahani	Deep Learning-Based Prediction of Molecular Markers in Glioma Using Magnetic Resonance Imaging