

Award	Award Recipient	Paper
Clinical and Biomedical Imaging Cum Laude Poster Award	Singh, Prerna	13410-60, Personalized risk assessment for heart failure and atherosclerosis in diabetes: radiomic analysis of coronary calcium and epicardial adipose tissue on cardiac CT
Clinical and Biomedical Imaging Honorable Mention Poster Award	Wende, Marco	13410-51, 3D-printed endo-microscope with a magnetic actuator for axial image plane scanning
Clinical and Biomedical Imaging Honorable Mention Poster Award	Damodaran, Lakshmisree	13410-50, Hypoxia-targeting MRI contrast agent GdDO3NI matches performance of a conventional clinical contrast agent for tumor imaging at early time post contrast
Computer-Aided Diagnosis Best Paper Award - 1st Place	Peng, Junbo	13407-106, Unsupervised CBCT quality improvement for quantitative image analysis in radiotherapy using patient-specific score-based prior
Computer-Aided Diagnosis Best Paper Award - 2nd Place	Prasad, Anisa V.	13407-51, Leveraging anatomical priors for automated pancreas segmentation on abdominal CT
Computer-Aided Diagnosis Best Paper Award - 3rd Place	Farzana, Walia	13407-44, Personalized prediction of tumor recurrence with image-guided physics-informed computational model in high-grade gliomas
Computer-Aided Diagnosis Cum Laude Poster Award	Koller, Tom Lucas	13407-82, Pitfalls with anomaly detection for breast cancer risk prediction
Computer-Aided Diagnosis Honorable Mention Poster Award	Yadav, Vivek	13407-66, Automated hepatocellular carcinoma detection and segmentation in abbreviated MRI using vision transformers
Computer-Aided Diagnosis Honorable Mention Poster Award	Geißler, Kai	13407-84, Breast cancer risk prediction using background parenchymal enhancement, radiomics, and symmetry features on MRI
Digital and Computational Pathology Cum Laude Poster Award	Ma, Ling	13413-43, An automatic processing framework for hyperspectral histologic images and benchmark dataset
Digital and Computational Pathology Honorable Mention Poster Award	Katari Chaluva Kumar, Suhas	13413-44, CompRePS 2.0: enabling massive-scale distributed computing on high-performance computing cluster for histopathological data processing
Image Perception and Technology Assessment Cum Laude Poster Award	Rangnekar, Aneesh	13409-39, Quantifying uncertainty in lung cancer segmentation with foundation models applied to mixed-domain datasets
Image Perception and Technology Assessment Honorable Mention Poster Award	Mostafavi, Shiva	13409-38, Enhancing breast arterial calcification segmentation: a comparative study of AI and human reader variability
Image-Guided Procedures and Robotic Interventions Early-Career Investigator Award	Kim, Gayoung	13408-38, Uncertainty-aware segmentation of the cervical cancer high-risk clinical target volume from T2-weighted MRI using evidential deep learning
Image-Guided Procedures and Robotic Interventions Student Paper Award	Kapuria, Siddhartha	13408-35, Addressing biases in gastric cancer diagnosis through generative models and vision-based surface tactile sensing
Image-Guided Procedures and Robotic Interventions Cum Laude Poster Award	Sridharan, Atreya	13408-81, Integrating self-configuring and foundational deep learning segmentation models for identifying the anal sphincter complex and perianal fistulae on pelvic MRI
Image-Guided Procedures and Robotic Interventions Honorable Mention Poster Award	Bryarly, Michelle D.	13408-73, Retina phantom model for hyperspectral imaging
Image-Guided Procedures and Robotic Interventions Honorable Mention Poster Award	Carnahan, Patrick K.	13408-91, Off pump coronary artery bypass graft surgical simulation development
Image-Guided Procedures and Robotic Interventions Student Travel Award	de Jong, Ronald	13408-33, Benchmarking pretrained attention-based models for real-time recognition in robot-assisted esophagectomy
Image-Guided Procedures and Robotic Interventions Student Travel Award	Correia, Helena	13408-22, Augmented reality in ultrasound-guided interventions: an accuracy and precision assessment study
Imaging Informatics Best Paper Award	Long, Lance	13411-6, A Cross-Attention Transformer model for predicting recurrence risk of breast cancer in patients receiving adjuvant Tamoxifen/Aromatase Inhibitors
Imaging Informatics Best Paper Award	Zhang, Ying	13411-8, Intelligent: an AI-based online automated framework for dental crown generation
Imaging Informatics Cum Laude Poster Award	Pan, Shaoyan	13411-47, Foundation Morph: a 3D vision-language foundation model for unsupervised medical image registration
Imaging Informatics Honorable Mention Poster Award	Forkert, Nils Daniel	13411-44, Generating high-resolution brain counterfactuals via autoencoders and causal autoregressive flows
Medical Image Processing Cum Laude Poster Award	Rivas, Carlos	13406-87, Unique MS lesion identification from MRI
Medical Image Processing Honorable Mention Poster Award	Yahathugoda, Yovin Ransika	13406-47, Enhanced prostate zone segmentation with multi-timepoint MRI: a cross-attention augmented 3D U-Net approach
Medical Image Processing Student Paper Award	Yoon, Jongyeon	13406-8, Tractography enhancement in clinically feasible diffusion MRI using T1-weighted MRI and anatomical context
Medical Image Processing Student Paper Award - Runner Up	Pham, Xuan Loc	13406-48, Divide to conquer: a field decomposition approach for multi-organ whole-body CT image registration
Medical Imaging Live Demonstrations Award - First Place	Dustler, Magnus	Interactive designer for dynamic digital breast phantoms using Perlin Noise
Medical Imaging Live Demonstrations Award - Second Place	Hsu, William	CT-NORM: A toolkit to characterize and harmonize variability in CT for consistent downstream applications
Physics of Medical Imaging Student Paper Award	Yu, Zitong	13405-41, ISIT-GEN: An in silico imaging trial to assess the inter-scanner generalizability of CTLESS for MPI SPECT on defect-detection task
Physics of Medical Imaging Student Paper Award - Runner Up	Hu, Yuanming	13405-3, Reducing scatter and cone-beam artifacts in DE-CBCT
Physics of Medical Imaging Cum Laude Poster Award	Gupta, Amar Prasad	13405-125, The world's smallest and lightest pocket x-ray system using CNT technology for soft x-ray imaging and cellular irradiation
Physics of Medical Imaging Honorable Mention Poster Award	Fair, Ryan A.	13405-114, Replication of ultra-high-resolution patient features in 3D-printed CT phantoms
Robert F. Wagner All-Conference Best Student Paper Award	Li, Yiping	13408-26, Benchmarking and enhancing surgical phase recognition models for robot-assisted esophagectomy
Robert F. Wagner All-Conference Best Student Paper Award - Runner Up	Caetano, Francisco	13406-17, AdverX-Ray: ensuring x-ray integrity through frequency-sensitive adversarial VAEs
Robert F. Wagner All-Conference Best Student Paper Award - Honorable Mention	Tran, Minh Ha	13410-9, A dual-camera high-resolution hyperspectral imaging system for the retina
Robert F. Wagner All-Conference Best Student Paper Award - Finalist	Li, Zhen	13407-11, Contrast-enhanced image-guided learning for nasopharyngeal carcinoma diagnosis using non-contrast MRI

Robert F. Wagner All-Conference Best Student Paper Award - Finalist
Robert F. Wagner All-Conference Best Student Paper Award - Finalist
Robert F. Wagner All-Conference Best Student Paper Award - Finalist
Robert F. Wagner All-Conference Best Student Paper Award - Finalist
Robert F. Wagner All-Conference Best Student Paper Award - Finalist
Robert F. Wagner All-Conference Best Student Paper Award - Finalist
Robert F. Wagner All-Conference Best Student Paper Award - Finalist
Robert F. Wagner All-Conference Best Student Paper Award - Finalist
Robert F. Wagner All-Conference Best Student Paper Award - Finalist
Robert F. Wagner All-Conference Best Student Paper Award - Finalist
Robert F. Wagner All-Conference Best Student Paper Award - Finalist
Robert F. Wagner All-Conference Best Student Paper Award - Finalist
Robert F. Wagner All-Conference Best Student Paper Award - Finalist
Robert F. Wagner All-Conference Best Student Paper Award - Finalist
Robert F. Wagner All-Conference Best Student Paper Award - Finalist

Ultrasonic Imaging and Tomography Cum Laude Poster Award

Ultrasonic Imaging and Tomography Honorable Mention Poster Award

Meulenbroek, Nathan
Yu, Zitong
Hu, Yuanming
Saunders, Adam M.
Farzana, Walia
Huang, Yixuan
Kelat, Karthika
Li, Muyang
Zhou, Zhengbo
Long, Lance
Jin, Gaofei
Rudravaram, Gaurav
Long, Yitian

Meulenbroek, Nathan
Taburet, Luc

13412-36, Biaxial passive ultrasound imaging with two transducers

13405-41, ISIT-GEN: An in-silico imaging trial to assess the inter-scanner generalizability of CTLESS for MPI SPECT on defect-detection task

13405-3, Reducing scatter and cone-beam artifacts in DE-CBCT

13406-75, Vasculature-informed spatial smoothing of white matter functional magnetic resonance imaging

13407-44, Personalized prediction of tumor recurrence with image-guided physics-informed computational model in high-grade gliomas

13408-1, Real-time 3D-2D pose regression using intraoperative long-length tomosynthesis images for MR navigation in spine surgery

13409-5, The relationship between eye tracking features and transfer learning in modeling decision prediction of radiologists reading mammograms

13409-30, Dataset distillation in medical imaging: a feasibility study

13411-4, Longitudinal Mamba: fusing longitudinal changes of mammograms with Mamba for breast cancer diagnosis

13411-6, A Cross-Attention Transformer model for predicting recurrence risk of breast cancer in patients receiving adjuvant Tamoxifen/Aromatase Inhibitors

13412-22, Omnidirectional ultrasound tomographic vector flow imaging with a ring-array transducer

13413-24, Identifying cellular neighborhood phenotypes differentiating normal and quiescent Crohn's disease via MxIF

13413-6, Towards fine-grained renal vasculature segmentation: full-scale hierarchical learning with FH-Seg

13412-36, Biaxial passive ultrasound imaging with two transducers

13412-46, Comparison of ultrasonic envelope statistics in the patellar tendon of children with cerebral palsy