DALI: Workshop on Data Augmentation, Labeling and Imperfections

Held in conjunction with MICCAI 2022 conference

September 22, 2022, 8:00am-3:00pm SGT, Room Aquarius 1

Program (subject to change upon presenter request)

SGT	Topic
8:00-8:05am	Welcome and Introduction
Paper Session I (Morning) 8:05-8:50am 8:05-8:16	Image Synthesis-based Late Stage Cancer Augmentation and Semi-Supervised Segmentation for MRI Rectal Cancer Staging
8:16-8:27	DeepEdit: Deep Editable Learning for Interactive Segmentation of 3D Medical Images
8:27-8:38	Long-Tailed Classification of Thorax Diseases on Chest X-Ray: A New Benchmark Study
8:38-8:49	Lesser of Two Evils Improves Learning in the Context of Cortical Thickness Estimation Models - Choose Wisely
Keynote I 8:50-9:30am	Keynote talk by Dr. Daniel Rückert
Keynote II 9:30-10:00am	Keynote talk by Dr. Zhen Li (AMOS 2022)
Coffee Break 10:00-10:10am	

Paper Session II (Morning) 10:10-10:55am	
10:10-10:21	TAAL: Test-time Augmentation for Active Learning in Medical Image Segmentation
10:21-10:32	Disentangling A Single MR Modality
10:32-10:43	CTooth+: A Large-scale Dental Cone Beam Computed Tomography Dataset and Benchmark for Tooth Volume Segmentation
10:43-10:54	Noisy Label Classification using Label Noise Selection with Test-Time Augmentation Cross-Entropy and NoiseMix Learning
Keynote III 10:55-11:35am	Keynote talk by Dr. Yefeng Zheng
Lunch Break 11:35am-12:00pm	
Paper Session III (Afternoon) 12:00-12:45pm	
12:00-12:11	CSGAN: Synthesis-Aided Brain MRI Segmentation on 6-Month Infants
12:11-12:22	A Stratified Cascaded Approach for Brain Tumor Segmentation with the Aid of Multi-modal Synthetic Data
12:22-12:33	Efficient Medical Image Assessment via Self-supervised Learning

12:33-12:44	Few-Shot Learning Geometric Ensemble for Multi-label Classification of Chest X-rays
Keynote IV 12:45-1:25pm	Keynote talk by Dr. Ehsan Adeli
Coffee Break 1:25-1:35pm	
Keynote V 1:35-2:15pm	Keynote talk by Dr. Vishal Patel
Panel Discussion 2:15-2:55pm	Panelists: Dr. Chen Chen Dr. Kelvin Wong Dr. Lequan Yu
2:55-3:00pm	Award announcement and wrap-up