OCTOBER 13 SATELLITE EVENTS

TUTORIAL

NAME: Image Registration during Minimally Invasive Catheter-based Interventions

DATE/TIME/VENUE: October 13 08:00-12:30  Pippete: Napoleon

ORGANIZERS: Ponraj Chinnadurai (Siemens Medical Solutions USA Inc.); Gouthami Chintalapani (Siemens Medical Solutions USA Inc.); Jian Wang (Siemens Healthineers)

08:00-09:30 Clinical Case Presentations: 4 Clinical Cases Highlighting Image Registration During Image Guided Liver Ablation, Trans-Catheter Arterial Chemoembolization, Image Guided EVAR and TEVAR

09:30-10:00 Coffee Break

10:00-12:30 Recorded talks from clinicians: 1-2

OCTOBER 13 SATELLITE EVENTS

TUTORIAL

NAME: Hypergraph Learning: Methods, Tools and Applications in Medical Image Analysis

DATE/TIME/VENUE: October 13 08:00-12:00  El Chino 5

ORGANIZERS: Yue Gao (Tsinghua University); Rongrong Ji (Xiamen University, China); Zizhao Zhang (Tsinghua University)

08:00-08:45 Preliminaries of Hypergraph and Hypergraph Learning
Yue Gao

08:45-09:30 The Recent Advances of Hypergraph Learning and Its Applications in Medical Image Processing
Taisong Jin

09:30-10:00 Coffee Break

10:00-10:30 Hypergraph Learning for Multi-Modality Neuroimaging-based Brain Disease Diagnosis
Mingxia Liu

10:30-11:00 Applications of Hypergraph Learning on Medical Image Analysis
Zizhao Zhang

11:00-11:30 A Tutorial on Hypergraph Learning Toolbox
Haojie Lin

11:30-12:00 A Tutorial on Hypergraph Neural Network Toolbox
Yifan Feng