



Oral Session 5: Hardware & Algorithm 1

Session Time: 08:30–10:10, June 30th

Session Chair: Qing Pan, Zhejiang University of Technology, Hangzhou, China

08:30-08:40	EIT1004	Time-constant-domain Electrical Impedance Tomography (tcdEIT) for Dermis Layer Visualization Kiagus Aufa Ibrahim, Chiba University, Chiba, Japan
08:40-08:50	EIT1070	Improving Imaging Quality for Electrical Impedance Tomography via Low-Rank Matrix Recovery Zhanglei Shi, China University of Petroleum (East China), Qingdao, China
08:50-09:00	EIT1019	Dynamic EIT Reconstruction with Low-Rank and Sparse Prior Baojie Zhang, Tianjin University of Science and Technology, Tianjin, China
09:00-09:10	EIT1033	Cross-frequency Fusion in CFSF-Net for Enhanced Time-difference Electrical Impedance Tomography Xiang Tian, Fourth Military Medical University, Xi'an, China
09:10-09:20	Q&A	
09:20-09:30	EIT1021	Learning-based Methods for Low-quality EIT Image Enhancement Zichen Wang, Tiangong University, Tianjin, China
09:30-09:40	EIT1040	Multi-frame Multi-scale Data Fusion Strategy to Suppress EIT Image Artifacts Jian'an Ye, Fourth Military Medical University, Xi'an, China
09:40-09:50	EIT1074	A Stable Symmetry Difference EIT Algorithm for Stroke Detection Based on Dual-Frequency Difference and Edge Region Suppression Zhibo Zhao, Air Force Medical University, Xi'an, China
09:50-10:00	EIT1067	Modification of Calderon's Method for Non-Circular Boundary Objects via Conformal Mapping in EIT Hangyu Zhong, Civil Aviation University of China, Tianjin, China
10:00-10:10	Q&A	