

Agenda

Note: All times refer to WEST (=GMT+1)



08:00 – 08:10	Welcome (10 min)
<i>Keynote</i>	
08:10 – 08:55	On Trials and Tribulations – Model-Informed Regulatory Evidence for the Digital Era <i>Prof. Alejandro Frangi, Bicentennial Turing Chair in Computational Medicine @ The University of Manchester</i>
<i>Session 1: Interventions and therapy</i>	
08:55 – 09:10	*Real-time device detection with rotated bounding boxes and its clinical applications <i>Ma, Howell, De Vere, Rinaldi, Dhanjal, Rhode</i>
09:10 – 09:25	Automated Multi-View Planning for Endovascular Aneurysm Repair Procedures <i>Zhang, Liu, Liu, Schunkert, Ghotbi, Navab</i>
09:25 – 09:40	*EnPrO: Enhancing Precision Through Optimization in Image-Guided Spine Surgical Procedures <i>Parthasarathy, R, N, M, Purayath, Lakshmanan, Sivaprakasam</i>
09:40 – 09:55	*CloverNet - Leveraging Planning Annotations for Enhanced Procedural MR Segmentation: an Application to Adaptive Radiation Therapy <i>De Benetti, Yeganeh, Belka, Corradini, Navab, Kurz, Landry, Albarqouni, Wendler</i>
10:00 – 10:30	Coffee break (30 min)
<i>Session 2: Image processing</i>	
10:30 – 10:45	Abdominal Ultrasound Similarity Analysis for Quantitative Longitudinal Liver Fibrosis Staging <i>Brattain, Lee, Singh, Kalafi, Guo, Pierce, Ozturk, Telfer, Samir</i>
10:45 – 11:00	Novel CBCT-MRI Registration Approach for Enhanced Analysis of Temporomandibular Degenerative Joint Disease <i>Leroux, Mattos, Claret, Caleme, Barone, Gurgel, Miranda, Goncalves, Zupelari Goncalves, Morettin Zupelari, Wolford, Hsu, Ruellas, Bianchi, Prieto, Cevidane</i>
11:00 – 11:15	Enhancing Image Classification in Small and Unbalanced Datasets through Synthetic Data Augmentation <i>De La Fuente, Majó, Luzko, Córdova, Fernández-Esparrach, Bernal</i>
11:15 – 11:30	Patient-specific 3D Burn Size Estimation <i>Nguyen, Yong, Sim</i>
11:30 – 11:45	HTSeg: Hybrid Two-stage Segmentation Framework for Intestine Segmentation from CT Volumes <i>An, Oda, Hayashi, Kitasaka, Takimoto, Hinoki, Uchida, Suzuki, Oda, Mori</i>
<i>Session 3: Best paper award</i>	
11:45 – 12:05	Best paper voting, award ceremony, and closing remarks (20 min)

***Best paper candidates**

All oral presentations will be 12 min (presentation) + 3 min (discussion).

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Workshop location: *t.b.a.*

