

"Recent Advances in Computational Pathology and Microscopy" Special Event

Sponsored by Histofy Ltd.

Programme

Chairs: Adam Shephard and Simon Graham

<i>Start</i>	<i>End</i>	<i>Type</i>	<i>Speaker</i>	<i>Title</i>
09:00	09:03	Introduction	Adam Shephard	Welcome and Introduction to Special Event
Classification				
09:03	09:18	Oral 1	Simon Graham	Streamlining Colon Biopsy Screening with Deep Learning
09:18	09:21	Power Pitch 1	Craig Myles	Leveraging Foundation Models for Histopathology Image Classification
09:21	09:24	Power Pitch 2	John Charlton	Whole Slide Image Classification of Colorectal Cancer
09:24	09:27	Power Pitch 3	Arwa AlRubaian	Self-Supervised Pre-Training Improves Histopathology Image Classification
Segmentation				
09:27	09:42	Oral 2	Dmitrii Kaplun	GRU-Net: Gaussian attention aided deep learning for histopathology image segmentation
09:42	09:45	Power Pitch 4	Wei-Ta Chu	Unsupervised Anomaly Detection in Histopathology Images
09:45	09:48	Power Pitch 5	Srijay Deshpande	SPADESegResNet: Harnessing Spatial and Depth Information for Histopathology Image Segmentation
Cellular Segmentation				
09:48	10:03	Oral 3	Nabeel Khalid	Bounding Box is all you need: Learning to segment cells from histopathology images
10:03	10:06	Power Pitch 6	Nabeel Khalid	CellGenie: An end-to-end Pipeline for Cell Segmentation in Histopathology Images
10:06	10:09	Power Pitch 7	Fabian Schmeiss	A Line Is All You Need: Weak Supervision for Cell Segmentation in Histopathology Images
Registration and Detection				
10:09	10:24	Oral 4	Ruixiong Wang	RoTIR: Rotation-Equivariant Network for Histopathology Image Registration
10:24	10:27	Power Pitch 8	Adith Jeyasangar	Nuclei-Location Based Point Set Registration for Histopathology Images
10:27	10:30	Power Pitch 9	Zhao Chen	A Histology-Informed Network for Histopathology Image Registration