"Recent Advances in Computational Pathology and Microscopy" Spec

Sponsored by Histofy Ltd.

Programme

Chairs: Adam Shephard and Simon Graham

Start	*End*	*Type*	*Speaker*	*Title*
09:00	09:03	Introduction	Adam Shephard	Welcome and Introduction to Spe
		Classification		
09:03	09:18	Oral 1	Simon Graham	Streamlining Colon Biopsy Screeni
09:18	09:21	Power Pitch 1	Craig Myles	Leveraging Foundation Models for
09:21	09:24	Power Pitch 2	John Charlton	Whole Slide Image Classification o
09:24	09:27	Power Pitch 3	Arwa AlRubaian	Self-Supervised Pre-Training Impro
		Segmentation		
09:27	09:42	Oral 2	Dmitrii Kaplun	GRU-Net: Gaussian attention aide
09:42	09:45	Power Pitch 4	Wei-Ta Chu	Unsupervised Anomaly Detection
09:45	09:48	Power Pitch 5	Srijay Deshpande	SPADESegResNet: Harnessing Spat
		Cellular Segmentation		
09:48	10:03	Oral 3	Nabeel Khalid	Bounding Box is all you need: Lear
10:03	10:06	Power Pitch 6	Nabeel Khalid	CellGenie: An end-to-end Pipeline
10:06	10:09	Power Pitch 7	Fabian Schmeiss	A Line Is All You Need: Weak Supe
		Registration and Detection		
10:09	10:24	Oral 4	Ruixiong Wang	RoTIR: Rotation-Equivariant Netw
10:24	10:27	Power Pitch 8	Adith Jeyasangar	Nuclei-Location Based Point Set Re
10:27	10:30	Power Pitch 9	Zhao Chen	A Histology-Informed Network for

›ves the Prediction of Gene Mutations and Tumor mutational burden in Lung Adenocarcinoma

ɨ dense skip connection based multiResU-Net for Breast Histopathology Image Segmentation

for Synthetic Cellular Data Generation and Segmentation: A Use Case for Cell Segmentation in Microsco

pic Images