

8th BigBrain Workshop - Challenges of Multimodal Data Integration

Tuesday 10 September 2024

Contributed Talks - Segmentation and AI (co-Chairs: Claire Walsh, Jussi Tohka) - Elettra (14:30 - 16:00)

time	[id] title	presenter
14:30	[6] CytoNet: A Deep Neural Network for Whole-brain Characterization of Human Cytoarchitecture	SCHIFFER, Christian
14:45	[18] Autoencoders for cluster analysis of rat brain histology	ESTELA DALMAU, Melina
15:00	[35] Step by Step: Towards a gapless 1 micron BigBrain with Diffusion Models	KROPP, Jan-Oliver
15:15	[21] BigBrain Image blind restoration and alignment with generative priors, U-Net and structural similarity	ZHANG, Mingli Dr TOUSSAINT, Paule-J
15:30	[27] Analyzing Regional Organization of the Human Hippocampus in 3D-PLI Using Contrastive Learning and Geometric Unfolding	OBERSTRASS, Alexander
15:45	[28] Towards Universal Instance Segmentation Models in Biomedical Imaging	Mr UPSCHULTE, Eric