

7th BigBrain Workshop: Challenges of big data integration

Thursday 5 October 2023

Poster Session (16:30 - 18:30)

time	[id] title	presenter
16:30	[32] Towards an EBRAINS service for brain wave analysis: Cobrawap	LUPO, Cosimo
16:30	[59] 3D reconstruction of BigBrain2: Progress report on updated processing pipeline and application to existing annotations and cortical surfaces	MOHLBERG, Hartmut
16:30	[51] neuromaps: a Python toolbox for the structural and functional interpretation of brain maps	BAZINET, Vincent
16:30	[17] Multimodal gradients reveal cortical local-global organization	WANG, Yezhou
16:30	[15] Cerebral chemoarchitecture shares organizational traits with brain structure and function	VALK, Sofie
16:30	[11] High-resolution 3D mapping of the amygdala - piriform region in the BigBrain	KEDO, Olga
16:30	[1] On Uncertainty-aware Deep Learning for Cytoarchitecture Classification	SCHIFFER, Christian
16:30	[28] Personalized Human Brain Energy Atlas: Machine learning-based neuropil density from anatomical MRI	AKIF, Adil
17:15	[12] BigBrain Image Alignment with Unet and structural similarity	Dr TOUSSAINT, Paule Joanne
17:15	[6] System-level cortical maturation links to adolescent resilience to adverse life events	VALK, Sofie
17:15	[29] Whole-brain dynamical modeling of the adolescent developing brain	SABERI, Amin
17:15	[24] High-Resolution 3D Mapping of the Human Hypothalamus: Towards a Comprehensive Cytoarchitectonic Atlas	Mr CHERVONNYY, Alexey
17:15	[56] Intracortical microstructural asymmetry in the human cortex: laminar differentiation, organization, heritability, and relevance to language function and psychopathological traits	WAN, Bin
17:15	[16] From structure to function in the human	AUER, Hans
17:15	[34] BigBrain Analysis: Cellular-Level Precision at 1µm Resolution	BLUDAU, Sebastian