



# 5th BigBrain Workshop - Insights from the BigBrain

## Thursday, September 23, 2021

### Poster and Demo Session (4:00 PM - 5:30 PM)

| time   | [id] title   | presenter                |
|--------|--|--------------------------|
| 4:00 P | [M23] Benchmarking of 3D Atlas Creation Tools from 2D Label Maps in BigBrain                           | OMIDYEGANEH, Mona        |
| 4:00 P | [M19] HippUnfold: Spanning mesoscale MRI and microscale neuroimaging of the hippocampus                | DEKRAKER, Jordan         |
| 4:00 P | [M18] Self-Supervised Contrastive Learning of Texture Features for 3D Polarized Light Imaging          | Mr OBERSTRASS, Alexander |
| 4:00 P | [M17] Assessing microstructural sources of MRI cortical markers in spatial distribution and aging      | PARENT, Olivier          |
| 4:00 P | [M] Live reconstruction and analysis of BigBrain data at 1 $\mu$ m resolution                          | CHERVAKOV, Pavel         |
| 4:00 P | [M8] Cerebellar and Cerebral Volumes Co-Evolve Throughout Primate Evolution                            | Mr MAGIELSE, Neville     |
| 4:00 P | [M6] Genetic and phylogenetic uncoupling of microstructure and function in human transmodal cortex     | Dr VALK, Sofie           |
| 4:00 P | [M7] Characterising the cortical gradients of laminar thickness similarity                             | SABERI, Amin             |
| 4:00 P | [M8] An updated MSM surface registration pipeline to bridge atlases across the MNI and FS / HCP worlds | LEWIS, Lindsay B.        |
| 4:00 P | [M5] Active learning-based domain adaptation for annotation-efficient cerebellum segmentation          | LI, Xuan                 |