



# BrainComp2022 - Computational Challenges of Connectivity

## Wednesday 21 September 2022

### Networks and computing (10:00 - 11:00)

time	[id] title	presenter
10:00	[5] Perspectives of the Federated HPC Infrastructure FENIX	Prof. LIPPERT, Thomas
10:30	[4] Large-scale Deep Learning for Cytoarchitecture Classification in the Human Brain	SCHIFFER, Christian

### Networks and computing (17:00 - 18:00)

time	[id] title	presenter
17:00	[17] Representation learning with trainable COSFIRE filters	Prof. PETKOV, Nikolai
17:30	[18] Pushing Global Brain Tractography towards Micrometer Resolution with Exascale Computing	Mr MATUSCHKE, Felix

### Networks and computing (18:30 - 19:30)

time	[id] title	presenter
18:30	[19] Challenges and opportunities for large-scale federated science and computing in the EU landscape	KLIJN, Wouter
19:00	[25] Integrating Fenix into EBRAINS – What can we do to simplify the usage of large-scale systems for the users?	Prof. ODEN, Lena