



TVB-EBRAINS integrated workflows

6th Workshop

Date: 3rd September 2021

HBP Event Calendar: <https://plus.humanbrainproject.eu/events/3388>

Time: 12:00 - 15:00 CEST

Location: GoToMeeting

Registration: <https://www.brainsimulation.org/bsw/zwei/events/single/7086-6th-tvb-ebrains-integrated-workflows-workshop>

Please note that the meeting will be recorded. The video recordings of presentations will be optionally shared internally in HBP or externally on INCF training space - dependent on the agreement of the respective presenter. Discussions will not be shared.

Videos of previous workshops:

<https://training.incf.org/course/virtual-brain-tvb-ebrains>

<https://www.youtube.com/playlist?list=PLVtbLERyzDellHsfYHQ8yXHyh5ZtvpNm7>

Collaboratory for this Workshop Series:

<https://drive.ebrains.eu/#common/lib/0afce2ae-6019-4193-9d66-37d595738bd5/WP1%20Hackathons>

The Workshop is open to all interested HBP SGA3 members and externals.

The purpose of this Workshop Series is to discuss existing interfaces and workflows of TVB in EBRAINS that have been developed in SGA2 and those under development or being planned for SGA3. The focus will be on:

- Software architecture
- Data formats
- APIs
- Development and operations
- Current status in terms of software maturity, integration, testing, versioning and deployment
- Computing requirements
- Security requirements

Agenda

12:00	Welcome - Petra Ritter
12:05-12:30	Informing TheVirtualBrain with biological knowledge from atlases, knowledge bases, and pathway inventories - Leon Stefanovski, Konstantin Bülau, Leon Martin
12:30-12:50	BIDS extension proposal for computational models - Michael Schirner
12:50-13:00	Use Case demo BIDS extension proposal for computational models - Jil Meier
13:00-13:45	TVB-Cloud workflows for sensitive data in the Virtual Research Environment - Moyez Dharsee, Fan Dong
13:45-14:30	Workflows on EBRAINS - Sofia Karvounari
14:30-15:00	MIP/HIP architecture and present state of development - Emrah Kavun