

TVB-EBRAINS integrated workflows

5th Workshop

Date: 4th June 2021

HBP Event Calendar: <https://plus.humanbrainproject.eu/events/3255>

Time: 13:00 - 15:00 CEST

Location: GoToMeeting

Please note that the meeting will be recorded. The video recording 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 ERRAINS 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

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|-------------|---|
| 13:00 | Welcome - Petra Ritter |
| 13:05-14:05 | TVB-Multiscale Update & Hands-on Session - Denis Perdikis & Jil Meier <ul style="list-style-type: none">• Introduction of the tool and the specific models of the use case• Code piece by piece• Time for participants to set up a simulation themselves |
| 14:05-14:55 | Mapping atlases and knowledge bases to TVB 3D space - Leon Stefanovski, Konstantin Bülau, Leon Martin <ul style="list-style-type: none">• Introduction of the tool• Explaining the code piece by piece• Time for participants to set up a simulation themselves |