

PyMVPA Workshop 2014

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organized by Sebastian Puschmann

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Day 1 (proposal)

- 09:00-09:30 Lecture: “A very short introduction to multivariate pattern analysis (MVPA) for neuroscience”
- 09:30-11:00 Hands-on: “Data representation in PyMVPA”
- 11:00-11:30 Coffee break
- 11:30-12:30 Hands-on: “PyMVPA building blocks and the command line interface”
- 12:30-13:00 Lunch break
- 13:30-14:00 Lecture: “Basic MVPA strategies”
- 14:00-15:00 Hands-on: “Classification and cross-validation”
- 15:00-15:30 Coffee break
- 15:30-17:00 Hands-on: “Searchlights”

Day 2 (proposal)

- 09:00-09:30 Lecture: “PyMVPA and the larger scientific software eco-system”
- 09:30-11:00 Hands-on: “Feature extraction and preprocessing”
- 11:00-11:30 Coffee break
- 11:30-12:30 Hands-on: “Connecting building blocks into analysis workflows”
- 12:30-13:00 Lunch break
- 13:30-14:00 Lecture: “Advanced methods, other data modalities and current developments”
- 14:00-15:00 Hands-on: “Group analyses”
- 15:00-15:30 Coffee break
- 15:30-17:00 Hands-on: “Statistical evaluation”