π.pmod Biomedical Image Quantification

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# PMOD Application Course Announcement

Monday-Wednesday, March 27-29, 2023, Zurich, Switzerland

## Overview

The aim of PMOD's Application Course is to familiarize participants with the major PMOD tools and functionalities, provide hands-on experience by making use of case-studies and real-life example data sets, and to relate popular workflows for classical and some exotic image analysis tasks.

Short presentations by PMOD's Application Scientists will outline the working principles of PMOD. The core of the course will be a series of guided exercises on the computer, using a case-study approach where possible. The exercises will cover both human and preclinical data. Invited speakers will present parts of their work, the challenges they faced regarding image processing and how PMOD can help in such cases.

The participants are required to bring their own laptops. Each participant will get access to the latest PMOD version as well as training data sets to be used during the course.

## Educational Objectives

- PMOD Scientific Data Management System: databases, data management and archiving
- Image display and layout options including high quality captures
- Quality control
- Segmentation tools
- Brain atlases for reproducible and automated analysis
- Image registration and fusion
- Quantification, kinetic modeling and parametric mapping

## Target Audience

The course is aimed at participants new to PMOD or with basic to intermediate PMOD experience.
The course will be taught in English by senior PMOD staff and seasoned PMOD users.

## Course Registration and Rates

Registration will be handled on a first-come, first-served basis for a maximal number of 15 participants.
Registration is handled through PMOD's website, and upon successful registration the participants will receive a confirmation by e-mail. An invoice will be provided soon afterwards.

**Registration Fee:**  CHF 990.- / EUR 990.- / USD 990.-
**Early Bird Fee:**  CHF 890.- / EUR 890.- / USD 890.-  (registrations before January 31, 2023)

The fee covers the course, all refreshments during the breaks, three lunches as well as the course dinner of the second training day.

## Course Location

The course will be held in the PMOD office at the Bruker Switzerland Campus (Industriestrasse 26, 8117 Fällanden, CH.) Our offices can conveniently be reached by Train and Bus within 25 min from Zurich main station.

## Travel & Accommodation

Travel and Accommodation is not included in the course fee and must be booked individually.

## Cancellation Policy

The organizers reserve the right to cancel the course. In case of cancellation, the registered participants will be notified and will receive a full refund.