

PMOD Advanced Application Course

Wednesday-Thursday, March 13-14, 2019, Zurich, Switzerland

www.pmod.com / Training

Overview

The aim of PMOD's new Advanced Application Course is to take the participants beyond the basics learned on the Basic Application Course. The core of the course will remain a series of exercises on the computer, but the participants will be given more freedom to explore the tools while PMOD experts provide direct feedback and coaching. Examples will be drawn from both human and preclinical data to suit the broad needs of our users. Participants are also encouraged to bring examples of their own data.

The participants are required to bring their own notebooks. Each participant will be given a USB flash key containing the latest PMOD version as well as training data sets. PMOD can be started directly from the key, such that the configuration of the notebook will remain untouched. As a courtesy, the key can be taken home and will work for another two months. This will give the participants the opportunity to complete their studies if needed, and to further try the PMOD tools on their own data.

Educational Objectives

- Gain a deep understanding of the wide functionality provided by PMOD
- Transfer powerful workflows to your own data
- Handle problematic data
- Leverage batch processing in different scenarios
- Refine understanding of quantification and kinetic modeling

Target Audience and Course Trainers

The course is targeted at experienced users who wish to further extend their knowledge and receive personalized input from PMOD experts. The participants will also have the opportunity to evaluate tools that are not available in their acquired installations. We highly recommend that less experienced PMOD users attend the PMOD Basic Application Course before taking the advanced course.

The course will be taught by senior PMOD staff and seasoned PMOD users.

Contents

Presentations

The presentations are limited to allocate maximal time for hands-on work. They focus on the background of the workflows being taught and do comprise a case-study whenever possible.

Exercises

The exercises will combine demonstrations of important workflows by PMOD staff with time for the participants to reproduce the analysis with example data (or their own data):

- Human brain PET/MR analysis with MR-based segmentation, parametric mapping and kinetic modeling (PNEURO, PXMOD, PKIN)
- Small animal blood-based kinetic modeling and parametric mapping (PKIN, PXMOD)
- Troubleshooting for unmatched small animal data (PBAS, PFUS)
- Batch/pipeline processing and statistics
- Simulation of synthetic PET images to investigate parametric mapping bias (PKIN, PXMOD)
- Open “data-clinic” sessions for users to discuss their own advanced applications/needs

Note that we reserve the right for minor changes of the course content without notification.

Work on the Computer, Teaching Material, and Documentation

A participant's notebook should comprise at least 8GB RAM, and a 64-bit operating system is needed. The display of the notebook should have a resolution of at least 800 pixels in height to support adequate program layouts.

The participants will conduct the exercises on their notebooks, using the supplied USB flash key. At the outset of the course, the participants will be provided with teaching material including slides, case-study references, application notes, and videos. All material will be available on the supplied USB flash key.

Organization

Course Schedule

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|---------------------|---------------|
| Wednesday, March 13 | 09:00 - 17:00 |
| Thursday, March 14 | 09:00 - 17:00 |

Course Dinner

On the eve of the first course day, PMOD will offer to all participants a complimentary dinner. The dinner will allow for continuing discussions and for networking among peers in an informal and relaxed setting.

Course Registration and Rates

Registration can be done online, and will be handled on a first-come, first-served basis for a maximal number of 20 participants. The course fee amounts to:

- Regular: EUR 890.- (**Early-Bird, until February 10, 2019**), EUR 990.- (Standard, afterwards)
- Student: EUR 712.- (**Early-Bird, until February 10, 2019**), EUR 792.- (Standard, afterwards)

The fee covers the training lessons and documentation, the USB flash key, all refreshments during the breaks, two lunches as well as the course dinner on the eve of the first training day. After registration, the participants will receive by e-mail a confirmation message with access information and payment directions. Note that the course fee must be paid **within 10 days** after registration (online payment). Thereafter, we reserve the right to offer the place to persons waiting for a vacancy.

The student fee (20% off the regular fee) is applicable to participants from academia who are currently enrolled in a doctoral or other graduate degree program. As a student participant, please perform the standard registration procedure without payment. Then, send your application for the student fee to info@pmod.com. Once accepted, you are invited to proceed with the online payment.

Note that new PMOD license holders are granted a 50% discount on the regular rates.

Course Location

The course will be held at Hotel Krone Unterstrass (Schaffhauserstrasse 1, 8006 Zurich, www.hotel-krone.ch). The hotel is conveniently located in downtown Zurich, just a 15-minute walk off the main station and reachable from there by tram #11 or #14.

Accommodation

Accommodation is not included in the course fee and must be booked individually. A list of selected hotels near the course location is available on the PMOD website. Special PMOD rates are being offered by the course hotel.

Cancellation Policy

The course will be cancelled, if one month prior to the course, not enough enrolments have been done. In that case, the registered participants will be notified and will receive a full refund. If a registered participant has to cancel attendance, he or she will get a refund (fee minus bank expenses) provided that the seat can be filled by another person.

PMOD Basic Application Course

This 2-day course lays the foundation for reaping most benefit from attending the PMOD Advanced Application Course. The basic course takes place right before the advanced course in the same training environment. Further information can be found on the flyer of the basic course (available on the PMOD website).

Registration for the PMOD Basic Application Course is being handled separately from registration for the advanced course, yet participants taking the two courses during the same course week will benefit from a volume discount (see price list published on the flyer "PMOD Courses in March 2019", available on the PMOD website).