

MIC Newsletter
01/2017

Bern, 18 January 2017

Faculty of Medicine
VetSuisse Faculty
Faculty of Science

Microscopy Imaging Center

Handing-over of MIC coordinator duties from Stefan Tschanz to Ruth Lyck

From January 1st, 2017, Ruth Lyck, Theodor Kocher Institute, has taken over as MIC Coordinator – a 30 % part-time position – from Stefan Tschanz, Institute of Anatomy, who has held the position since 2011. As secretary in a 10 % part-time position, Mrs. Edith Imthurn (edith.imthurn@gcb.unibe.ch), who is apart from that a staff member of the Graduate School for Cellular and Biomedical Sciences (GCB), will support coordination of the MIC.

Attachment: *2016-12_DKF_Newsletter_excerpt.pdf*

New PhD specialization “Cutting Edge Microscopy”

As announced at the past MIC commission meeting, the new PhD specialization Cutting Edge Microscopy has been approved and will be financially supported in the frame of the *TP1: Doctoral programme of the universities* by the Rectorate of our University and by the Chamber of Universities, swissuniversities. The Cutting Edge Microscopy curriculum will be embedded in the Graduate School for Cellular and Biomedical Sciences (GCB, www.gcb.unibe.ch) of the University of Bern and will also benefit from our existing MIC framework. The program is now open for registration of PhD students. Advanced PhD students already registered at the GCB are welcome but should register until January 31, 2017. Attached please find a short presentation of the Cutting Edge Microscopy curriculum. Please contact Nadia Mercader (nadia.mercader@ana.unibe.ch) or Marlene Wolf (marlene.wolf@gcb.unibe.ch) for further information.

Attachment: *Information_about_Cutting_Edge_Microscopy_PhD_December_2016.pdf*

Request for announcements

We would like to improve communication of presentations from guests at your institute that could be of interest for MIC commission members and MIC users. Therefore, we kindly ask you to send a short note for timely publication on our MIC webpage to ruth.lyck@tki.unibe.ch.

MIC Trainings, Workshops, Demonstrations in 2017

In 2017, we will offer a panel of trainings, demonstrations and workshops. Some of the activities are now offered in the frame of the new Cutting Edge Microscopy PhD specialization. We thank all teachers for answering the questionnaire, which helps keeping updated the list of courses. Please inform us, if you suggest additional activities.

Attachment: *MIC_activities_2017_v01.pdf*



Upcoming MIC activities in the months January, February and March:

Date	Event
24 Jan 2017	Training: Spinning disc, JOBS (Nikon)
14 Feb 2017	Training: Imaris, basics
8 Mar 2017	Demonstration: Ti2 market release; Nikon
21 – 22 Mar 2017	Training: Super resolution with STED and Airyscan
30 - 31 March 2017	Demonstration: Celldiscoverer, Zeiss

MIC Researchers' Day, June 28, 2017

In 2017, we will organize a MIC Researchers' Day as a follow up event of the successful MIC Microscopy Day that took place on November 2, 2016. In the same line, the MIC Researchers' Day is thought to interconnect MIC commission members and MIC users by presenting research carried out at MIC microscopes. A highlight should also be set on presenting the panel of applications that can be solved with a particular MIC machine. The MIC Researchers' Day will take place in the Institute of Anatomy, Ewald R Weibel Auditorium, Bühlstrasse 26, 3012 Bern, on June 28, starting at 1 pm. We ask you to nominate candidate speakers for this event. Attendance of the MIC Researchers' Day is obligatory for students enrolled in the Cutting Edge Microscopy PhD specialization.

Recommended international courses

FEBS Advanced Course "Functional imaging of cellular signals", June 11-16th 2017, Amsterdam, The Netherlands

Techniques: Confocal, TIRF and spinning-disk microscopy, FRAP, FLIM, biosensor FRET & FCS.

Participants: 20 PhD students & postdocs with microscope experience

Webpage: <http://elmi.embl.org/2017/01/12/febs-advanced-course-2017/>

Next MIC Commission meeting

Our next MIC Commission meeting will take place in the Seminar room of the Institute of Anatomy, on Thursday, February 9, 2017, at 1:15 pm.

