

From: [Guntern, Meriem \(MIC\)](#)
To: [Guntern, Meriem \(MIC\)](#)
Subject: Newsletter Microscopy Imaging Center, University of Berne
Date: Mittwoch, 8. März 2023 08:13:34
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Dear friend of the Microscopy Imaging Center

We are pleased to send out the MIC Newsletter January - March 2023. For more information about the MIC and its activities, check our [website](#) regularly.

Newsletter Overview:

[Upcoming News and Events](#)

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PERFORMANCE TESTS IN LIGHT MICROSCOPY

OVERVIEW	Modern light microscopes are sophisticated devices that require periodic maintenance to provide the best image quality. This course will present some basic performance tests to diagnose issues and benchmark performance of light microscopes.
LEARNING OUTCOME	Participants will be able to perform themselves tests on light microscopes to diagnose and potentially fix most common problems
DATE AND TIME	26 and 27 April 2023, from 09:30 to 17:30
LOCATION	Friedrich Miescher Institute for Biomedical Research Maulbeerstrasse 66, 4058 Basel
ORGANIZERS	Laurent Gelman, Friedrich Miescher Institute, Basel Yury Belyaev, University of Bern Sabine Reither, Friedrich Miescher Institute, Basel Laure Plantard, Friedrich Miescher Institute, Basel
PARTICIPANTS	Max. 12
REGISTRATION	Fee 60 CHF (includes 2 lunches and 4 coffee breaks) Selected participants will be informed by e-mail at the latest one week after the application deadline. Access registration page with this link , or with QR-Code: 
APPLICATION DEADLINE	10 th of March 2023
AUDIENCE	Anyone in charge or planning to oversee a light microscope. This course is not suited for beginners in microscopy.
CREDITS	Certificate of attendance

[MIC Workshop: Performance Test in Light Microscopy, April 26 - 27, 2023](#)

In collaboration with the Friedrich Miescher Institute for Biomedical Research in Basel, the MIC will offer the course “Performance Test in Light Microscopy”.

It will take place on April 26-27, 2023.

The course will present some basic performance tests to diagnose issues and benchmark performance of light microscopes. Please find all further information [here](#).

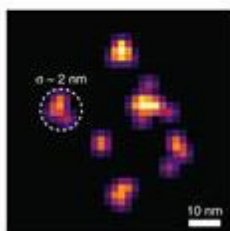
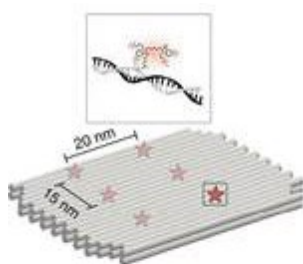
In case you are interested, please send your application to: yury.belyaev@mic.unibe.ch

Application deadline: March 10, 2023



CEM Study Trip

In February 2023, a study trip took the PhD students of the PhD program Cutting Edge Microscopy (CEM) to Freiburg i.B., Germany. Here, the students visited the Life Imaging Center (LIC) of the University of Freiburg. The institute is headed by Dr. Roland Nitschke, who warmly welcomed the students and led them through the 2-day program together with his team. Read more [here](#).



Advanced Microscopy Imaging Cours - UniFR

The Microscopy Imaging Center (MIC) collaborates with the Bioimage Core Facility of the Department of Biology and the Section of Medicine of the University of Fribourg. The course Advanced Imaging - Super-resolution fluorescence microscopy is open for PhD students of the Cutting Edge Microscopy specialization program. The course will take place on April, 20-21, 2023. Read more [here](#).



Invitation to a PhD Defense

Murielle Koni-Kepo Golomingi student at the PhD program Cutting Edge Microscopy (CEM) under the supervision of Prof. Dr. Verena Schröder, will give her PhD Defense on March 15, 2023 at 14.00 at the ARTORG Center for Biomedical Engineering Research.

Title: "Interactions between the complement system and blood coagulation: a potential role of complement components and activation during haemostasis". Read more [here](#).

MIC Trainings

[09 - 11 May 2023 Fundamentals of wide field microscopy](#)

Number of participants: 9 – 25

Find more information [here](#).

Register [here](#).

[16 Mar 2023 Imaris - from basic to advanced](#)

Number of participants: 15 – 30

Find more information [here](#).

Register [here](#).

[Important MIC Events in 2023 - save the date!](#)

[MIC Research Day](#)

The MIC Research Day shows a selection of research highlights based on microscopic techniques that have been realized by scientists from the University of Bern. Junior and senior researchers who are specialists in microscopy present data on their exciting research projects, which were achieved using state-of-the-art microscopy. With this event, the MIC brings together researchers using microscopy with other researchers who may wish to use the same instrument or a similar technique.

In 2023, the MIC Research Day will take place on **June 28, 2023**

Location: UniS, Berne, Switzerland

[MIC Symposium](#)

Each year, the MIC committee decides on a special topic for the MIC Symposium and forms a scientific committee. Experts of the chosen topic are invited as speakers and industry with scientific oriented portfolio is invited, too. The MIC Symposium attracts attendees from all over Switzerland and abroad.

In 2023 the MIC Symposium will take place on **November 17, 2023**

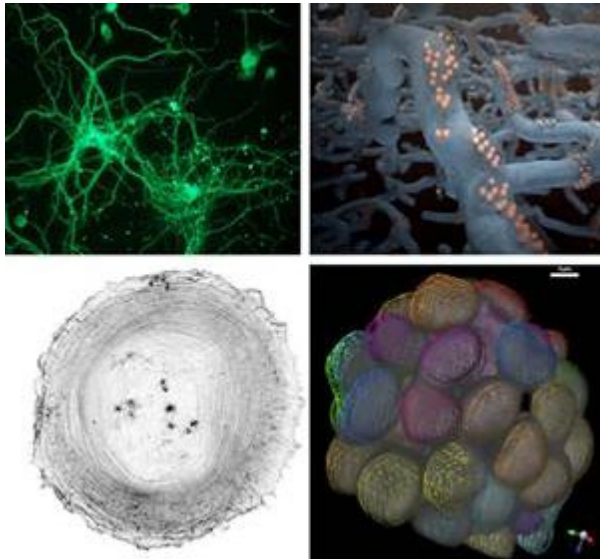
Theme: New Trends in Microscopy

Location: UniS, Berne, Switzerland

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[News: report about past events](#)



On November 18, 2022, the MIC Symposium “Imaging Cellular Dynamics Across Scales” celebrated how new microscopy technologies redefine our understanding of dynamic cellular processes at different biological scales.

The different talks illustrated how each biological scale requires a complementary set of microscope technology, specific image analysis algorithms, as well as a variety of genetically encoded fluorescent probes (GFP derivatives). Read more [here](#).

[External events with relevance to microscopy](#)

04 - 07 October 2023

[EMBO | EMBL Symposium: Seeing is believing: imaging the molecular processes of life](#)

EMBL Heidelberg and Virtual, Germany

25 - 30 August 2023

[EMC2024](#)

Copenhagen, Denmark

16 - 21 July 2023

[Switzerland's Image & Data Analysis School](#)

EPFL, Lausanne, Switzerland

10 - 14 July 2023

[Fluorescence imaging beyond intensity](#)

EMBL Heidelberg, Germany

06 - 09 June 2023

[ELMI 2023](#)

Noordwijkerhout, the Netherlands

14 - 17 May 2023

[Journal of Cell Science Meeting: Imaging Cell Dynamics](#)

Lisbon, Portugal

09 - 10 May 2023

[MD ImageXpress Imaging User Meeting](#)

Copenhagen, Denmark

08 - 12 May 2023

[The 5th NEUBIAS Conference](#)

Porto, Portugal

07 - 12 May 2023

[Advanced fluorescence imaging techniques](#)

EMBL Heidelberg, Germany

03 - 19 May 2023

[CTLs Professional Development Course for Core Facility Staff](#)

Online

02 - 05 April 2023

[Focus on Microscopy 2023](#)

Porto, Portugal

21 - 24 March 2023

[Confocal Microscopy Course](#)

University of York, UK

20 - 24 March 2023

[Course on Optical Microscopy Imaging for Biosciences](#)

i3S Porto, Portugal

20 - 24 March 2023

[Trends in Microscopy](#)

Muensingen, Germany

For further news and information please check our [website](#).

Please accept our apologies for possible cross-postings. If you do not wish to receive this newsletter in the future, please write to info@mic.unibe.ch. This newsletter is sent to people who have been active in the MIC community within the last three years.

Best regards,

Your MIC Team