



FOI 2013 will be held at Centre Loewenberg in Murten.
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Venue

Centre Loewenberg
Loewenberg 43 - 3280 Murten (CH)

Murten is located in the Swiss canton Fribourg on the banks of Lake Murten. The medieval town and its region have much to offer to visitors: beautiful lakeside promenades and alleyways, boat trips, water sport activities, hiking, biking...Extend your stay to discover this beautiful town and the region around it.

Registration

At least one author of an accepted contribution is requested to register properly in advance to FOI 2013.

Attendees can register with or without accommodation at Centre Loewenberg. Details will soon be available at the event website.

Early-bird registration deadline: 21 July 2013

Accommodation and Travel

Accommodation at the meeting venue Centre Loewenberg can only be booked in combination with an early-bird registration **until 21 July 2013**. Other accommodation opportunities in Murten are available. These must be booked individually and separately from the FOI 2013 registration. More information on accommodation and travel can soon be found at the event website.

Paper Publication in JEOS:RP

Attendees of FOI 2013 are welcome to submit a paper to the online Journal of the European Optical Society:Rapid Publications (JEOS:RP). The paper must be an original high-quality contribution connected to FOI 2013. In case of acceptance authors will receive a 20% discount on the publication rate. The paper must be submitted no later than 15 November 2013. The paper publication in JEOS:RP is an option, but no obligation.

Special publication fee for standard papers:
280 € (instead of 350 €) for full EOS members
320 € (instead of 400 €) for non EOS members

For further information, please see www.jeos.org.

We are looking forward to welcoming you to FOI 2013.

Contact

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1st EOS Topical Meeting

Frontiers in Optical Imaging (FOI 2013)

16 - 18 September 2013

Centre Loewenberg, Murten, Switzerland

Final Call for Papers

Synopsis

Optical imaging methods play a key role in many fields of science, engineering and in a huge number of everyday applications.

FOI 2013 focuses on the most relevant and most challenging of these techniques, with the purpose of advancing the state-of-the-art in domains where the fundamental limits of imaging performance have not yet been achieved. By combining novel physical detection principles, advanced sensor chip and electronic circuit design, new optical imaging methods, mathematical algorithms for image reconstruction and physical techniques to improve image resolution, the frontiers of optical imaging are further pushed back.

Topics

- Advanced microscopic techniques, including near-field methods
- Single-photon imaging
- Mid-infrared spectroscopy and imaging (2-12 μm)
- Polarization based imaging techniques
- High-speed time-gated and time-resolved imaging
- High-resolution fluorescence imaging
- Advanced X-ray imaging (e.g. phase contrast, time-of-flight, energy-resolved)
- Physical super-resolution techniques (STORM, STED, PALM, structured illumination)
- Numerical super-resolution techniques (e.g. blind deconvolution)
- Imaging in scattering media
- 3D optical imaging (OCT, interferometry, time-of-flight)
- Non-linear optical imaging
- Quantum imaging
- Novel contrast mechanism for imaging
- Wavefront and temporal shaping for imaging

Chairs

Hervé Rigneault, Institut Fresnel (FR)
Peter Seitz, ETH Zurich, École Polytechnique Fédérale de Lausanne - EPFL and Hamamatsu Photonics (CH)

Programme Committee

Joseph Braat, Delft University of Technology (NL)
Bart Dierickx, Free University of Brussels (BE)
Christian Eggeling, University of Oxford (UK)
Sylvain Gigan, Institute Langevin (FR)
Franco Gori, Università di Roma (IT)
Hans Peter Herzig, École Polytechnique Fédérale de Lausanne - EPFL (CH)
Alain Jutant, Nikkoia SAS (FR)
Philippe Réfrégier, Institut Fresnel (FR)
Volker Seyfried, Leica Microsystems (DE)
Jacob Stamnes, University of Bergen (NO)
Nicolas Treps, École Normale Supérieure - Paris (FR)
Michael Unser, École Polytechnique Fédérale de Lausanne - EPFL (CH)
Andreas Zumbusch, University of Konstanz (DE)

Invited Speakers

Christian Eggeling, University of Oxford (UK)
Ulf Leonhardt, Weizmann Institute of Science (IL)
Monika Ritsch-Marte, Medical University of Innsbruck (AT)
Yaron Silberberg, Weizmann Institute of Science (IL)
Renato Zenobi, ETH Zurich (CH)

Dates and Deadlines

Abstract submission deadline	15 May 2013
Notification to authors	12 June 2013
Opening of registration	12 June 2013
Publication of advance programme	10 July 2013
Early-bird registration deadline	21 July 2013

Abstract Submission

Submission deadline: 15 May 2013

Authors are requested to submit an extended abstract of a minimum of one page and a maximum of two pages with at least one figure. The abstract must be formatted according to the EOS abstract guidelines. These guidelines as well as further information on how to submit can be found at www.myeos.org/events/abstractsubmission.

Contributions will be accepted for oral and poster presentation. Please indicate your preference. All accepted contributions are to be published on a digest CD-ROM (ISBN numbered) which will be available on-site. At least one author is requested to register for the meeting separately from abstract submission.

