

## **Report about the 21<sup>st</sup> International European Light Microscopy Initiative Meeting (ELMI)**

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The 21st International European Light Microscopy Initiative Meeting (ELMI, <http://www.elmi2022.eu/>) took place on June 7-10, 2022 in Turku, Finland. At this meeting, Dr. Yury Balyaev represented the MIC and here reports about it. Further attendee from University of Bern was Dr. Alexander Ernst from the Institute of Anatomy. About 400 participants (300 in person and 100 online) from Europe and the whole world discussed recent advances in light microscopy aimed at a life sciences audience. During the first day of the meeting, the satellite core facility meeting for representatives of the imaging facilities was held. Discussion topics were of common interest such as quality control, implementing new technologies, bioimage data management and integrated pipelines. During the following two and a half days of the conference, the leading scientists in the field presented their results to all participants in panel sessions. The main topics of this year were: super-resolution imaging, organismal and tissue imaging, image analysis, data management and ethics, label-free imaging, combining light microscopy with other modalities. In addition to the extensive scientific program, about 40 companies active in microscopy instrumentation and related fields introduced up to date technical developments in informative workshops. The program also contained a very interactive poster session. As usual, ELMI provided an excellent opportunity to network with colleagues from different countries.

