

Simulations

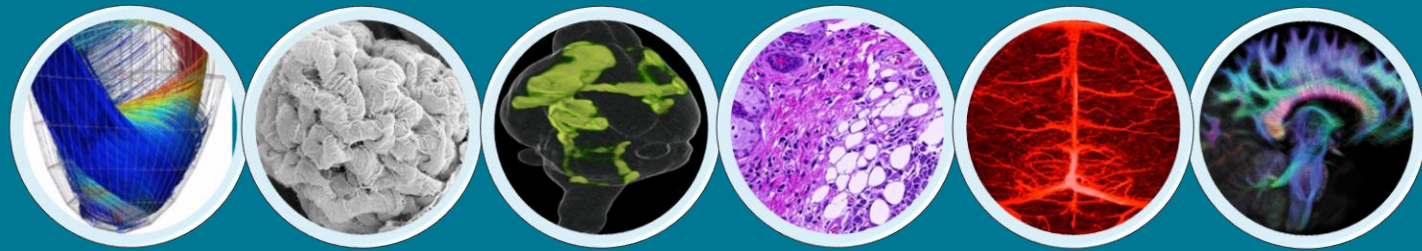
Super-Resolution

Target Imaging

Ex-vivo Imaging

Animal Imaging

Human Imaging



17th EXCITE Zurich Summer School on Biomedical Imaging

4 -15 September 2023, Zurich, Switzerland

Scope: The school offers teaching on the basics of biomedical imaging and provides the broader context necessary to understand recent advances and current challenges in the field. Cutting-edge techniques based on a wide range of image-formation mechanisms — including magnetic resonance imaging, positron emission tomography, infrared and optical microscopy, electron microscopy, and X-ray imaging — will be discussed, focusing on multimodal and multiscale imaging methods and supporting technologies such as computer-aided image analysis and modelling. We provide two learning paths for participants with either a background in life sciences or in physical sciences. Morning lectures will be followed by hands-on sessions. Further highlights are a full-day project on a topic of choice, an industry day, and the EXCITE Symposium.

Apply now: The school follows a challenging and demanding schedule. It addresses excellent MSc and PhD students as well as scientists working in the industry. We admit around 60-80 participants. Students who have not yet started a PhD program may apply for a stipend.



<https://www.excite.uzh.ch/education/summer-school.html>



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