

BIOENG-806

Correlative Microscopy Summer school

Fantner Georg

Cursus	Sem.	Type
Biotechnology and Bioengineering		Opt.

Language of teaching	English
Credits	2
Session	
Exam	Project report
Workload	60h
Hours	57
Courses	45
Exercises	12
Number of positions	30

Frequency

Only this year

RemarkJune 19-23, 2023 Registration via <https://sites.google.com/view/cmss23>**Summary**

Provide a comprehensive overview of available correlative microscopy workflows and modalities, with their benefits and limitations, as well as the knowledge of the instrumental and sample preparation requirements of each combination with hands-on workshops to apply them in future research projects.

Content

The objective of the summer school on correlative microscopy is to introduce various correlative microscopy techniques, provide strategies on sample preparation, data collection and data processing, as well as provide workshops for hands-on experience with correlative microscopy techniques. Together with hand-on workshops, upon completion of the summer school, the attendee should be knowledgeable on various correlative microscopy modalities, their requirements, and the possibilities of their application in current or future research projects. We also wish that this event to serve as an opportunity to discuss research problems with specialists as well as share diverse strategies to address diverse scientific problems.

Keywords

Correlative Microscopy, AFM, SEM, cryo, Soft X-rays, EM

Resources**Websites**

- <https://sites.google.com/view/cmss23>