

MSE-655

CCMX Advanced Course - Combining Structural & Analytical Investigations of Matter at the Micro-, Nano and Atomic Scale - (2019)

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Cursus	Sem.	Type
Materials Science and Engineering		Obl.

Language of teaching	English
Credits	2
Session	
Exam	Oral
Workload	60h
Hours	30
Courses	18
Exercises	12
Number of positions	40

Frequency

Every 2 years

Remark

Next time 05 - 08 November, 2018

Summary

The course focuses on morphological and analytical structure research methods for materials science using electrons, photons and ions.

Content

<http://www.ccmx.ch/courses-and-events/article/2016/05/ccmx-advanced-course/>

Note

Course taking place at ETH Zurich on Campus Hönningerberg
Anders Meibom (EPFL) also teaches this course

Keywords

Atom Probe; EDX/ EELS; FE-SEM EDX/EBSD; FE-SEM EDX/WDX; SIMS; Mass spectroscopy

Learning Prerequisites

Required courses

Degree in materials science, physics, chemistry

Resources

Websites

- <http://www.ccmx.ch/news-amp-events/news-single/article/285/61/>