

MSE-646

CCMX Winter School - Metal Science

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Cursus	Sem.	Type
Advanced Manufacturing		Obl.
Materials Science and Engineering		Obl.

Language of teaching	English
Credits	2
Session	
Exam	Oral
Workload	60h
Hours	28
Courses	20
Exercises	8
Number of positions	24

Frequency

Every 2 years

Remark

Postponed until further notice

Summary

This course is designed to cover a series of important scientific aspects of metal science and to provide an in-depth review of their corresponding fundamentals. It is organised as a retreat over one week, with 9 modules consisting of presentations given by lecturers and the participants.

Content

Please find the information on the following link :

<http://www.ccmx.ch/courses-and-events/article/2015/02/ccmx-winter-school-2015/>

Note

Please register also with CCMX

Keywords

nucleation, growth, alloys, thin film, texture, dislocations, yield stress, interface thermal conductance, recrystallization, phase transformation

Learning Prerequisites**Required courses**

Participants should be educated in materials science and engineering, physics, mechanical engineering or physical chemistry to benefit the most from this course.

Assessment methods

Oral presentation (prepared based upon a series of publications provided by the lecturers)

Resources**Websites**

- <http://www.ccmx.ch/courses-and-events/article/2015/02/ccmx-winter-school-2015/>