IUTAM CISM Summer School in 2024

Multi-field problems across different scales –
materials for the development of green technologies

Approved!

J. Schröder, M. Marino, V. Deshpande, H. Wende, H. Zhang and T.I. Zohdi

Each lecturer will give 6 lectures. In Detail:

J. Schröder: FEM for magnetic materials. Micromagnetics & phenomenological approaches.

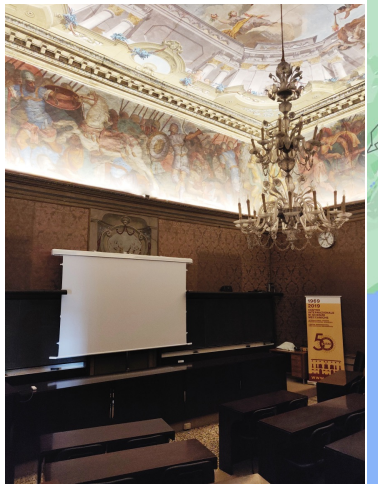
M. Marino: Computational multi-scale methods for multi-field problems .

V. Deshpande : Chemo mechanical failure: Form batteries environmental degredation

H. Wende : How to experimental study magnetism on atomic and macroscopic length scales?

H. Zhang : Ab initio methods for magnetic materials.

T.I. Zohdi : Digital twins and genome based machine learning.



CISM: International Center for Mechanical Sciences
IUTAM: International Union of Theoretical and Applied Mechanics