

CEM4MAT infrastructure workshop – hybrid meeting

When: 10 November 2021; kl 14:00-16:50

Where: Physical meeting: F3, KTH and zoom

Registration to physical meeting, last day 2021-11-03, use link below

Registration to get a zoom link, last day 2021-11-10, use link below

Link to registration: <https://www.kth.se/form/cem4mat2021>

The zoom meeting will be recorded for internal usage.

Chair person: Torbjörn Pettersson KTH,

Program

14:00-14:10 Welcome and presentation of CEM4MAT; Gunnar Svensson SU

14:10-14:30 New instruments: New SEM instrument and the soft matter facility at EMC; Kjell Jansson and Anumol Ashok SU,

14:30-14:40 Possible new instruments: Atomic probe tomography at KTH; Alexander Dahlström KTH

14:40-14:50 New instruments: New FIB at Uppsala; Fredric Ericson UU on zoom

14:50-15:05 Overview of modelling possibilities; Jan Ruzs UU on zoom

20 minutes Coffee break – refreshments will be served

15:25-15:40 RSEM - Resource Center for Coordination of Electron Microscopy at KTH; Anastasia Riazanova, KTH 15 min; <https://www.kth.se/rsem>

15:40-15:50 Electron Microscopy Competences within Treesearch Research Infrastructure; Anastasia Riazanova, KTH; <https://treesearch.se/infrastructure/>

15:50-16:10 ARTEMI national infrastructure; Per Persson, LiU

16:10-16:20 ARTEMI – module: Crystallography - structure & phase analysis by 3D & 4D electron diffraction and imaging; Xiaodong Zou SU,

16:20-16:30 ARTEMI – module: Physics and spectroscopy –physical particles & magnetic properties of individual atoms; Klaus Leifer UU,

16:30-16:45 New EM related instruments at Swerim; Fredrik Gustavsson Swerim, on zoom

16:45-16:50 Concluding remarks, Gunnar Svensson SU

Welcome

CEM4MAT team

Further information contact:

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- Gunnar Svensson, e-mail: gunnar@mmk.su.se, tel: 070-5688361

Last day of registration for meeting on place (zoom): 2021-11-03 (2021-11-10).