



European XFEL Science Seminar

Tuesday, 2nd February 2021, 13:00

Video conference, via Zoom

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X-RAY IMAGING AT THE NANOSCALE WITH ATTOSECOND TEMPORAL RESOLUTION

Coherent diffraction imaging with intense and ultrashort X-ray Free-Electron-Laser pulses provides high-resolution images of transient/fragile states of matter which are inaccessible with conventional microscopy. I will present several studies which address major limitations and opportunities of this exciting technique. A special emphasis will be put on exploitation of recent breakthrough developments in accelerator science such as intense attosecond X-ray pulses.

Host: Serguei Molodtsov

Join Zoom Meeting

<https://xfel.zoom.us/j/96335948855?pwd=UGFpZTJyZGdHZXBrRUcxZ3M5cmVBZz09>

Meeting ID: 963 3594 8855

Passcode: 315539