

Microsymposium

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The european X-ray free electron laser

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The European X-ray Free Electron Laser is being commissioned in the spring of 2017 and will start first user operation in the fall. First lasing is expected in the summer. It will be the world's first hard X-ray laser facility based on superconducting accelerator technology and will deliver an unprecedented X-ray beam to the user community with a high repetition rate. First users are expected to come in the fall of 2017 on the FXE instrument for ultra-fast x-ray spectroscopy and x-ray scattering and on the SPB/SFX instrument for diffractive imaging and structural determination for single particles, clusters and biomolecules. In 2018 four more instruments will be taken into operation covering a wide range of scientific fields. In the talk a full description of the facility will be given including a report of the status of the commissioning.

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