Seeded FEL sources and Time-resolved experiments

Adriatico Guesthouse - Trieste, Italy 14-15 December 2010

The implementation of seeding scheme provides the possibility to have high temporal and spatial coherence together with variable polarization and precise control of the photon energy and jitter. The aim of the workshop is to bring together prospective users and experts in FEL and machine physics to discuss the most recent advancements in seeded FEL schemes and their expected impact in studies of fast phenomena in solids, liquids and gases, combining scattering and spectroscopic approaches and exploiting selection rules. This event is taking place in Trieste just before the European XFEL workshop (16-17 December).

(http://www.elettra.trieste.it/SESTRE)

Local organizing Committee

Claudio Masciovecchio - Chair
Miltcho Danailov – Co-chair
Fulvio Parmigiani
Filippo Bencivenga
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Guest Lecturers from

University of Oxford, XFEL, LCLS, MIT, DESY, University of Rome, MAX Lab, University of Twente, EPFL, FERMI@elettra, Spark, CFEL, University of Paris