



ATTOFEL



Crete in May & exciting physics!

ATTOFEL Summer School

Date May 2-6

Location Atlantica Sensatori Resort,
Crete, Greece

Topic The school will offer an introduction into the generation of XUV, attosecond, and free electron laser light pulses and present a large range of physical experiments based on such novel light sources.

Cost External students are supported with free full-board accommodation (value: 366 €) and a travel subsidy (up to 134 €).

Schedule The scientific program is modeled on a Gordon Conference schedule with free afternoons to allow ample time for discussion and social interactions.

Contact For further information and your conference application, visit www.attofel.eu/event-websites/summer-school.

Organizer The school is organized by the Marie Curie initial training network Attofel.

Confirmed speakers and topics:

Uwe Morgner	Introduction to laser systems, ultrafast amplifiers, and CEP stabilization
Adam Wyatt	Pulse characterization (IR to XUV)
Philippe Zeitoun	Tabletop X-ray sources
Artem Rudenko	Strong field interaction at XUV/x-ray wavelengths
Willem Boutu	Coherent diffractive imaging
Misha Ivanov	Semiclassical methods of strong field interactions
Olga Smirnova	Electron recollision, high harmonic spectroscopy
Anne L'Huillier	High harmonic generation and attosecond pulse production
T. Kistopoulos	Spectrometers, detectors
A. Panagopoulos	Intellectual property, patents, and startup companies
G. Sansone	Attosecond applications in atoms
Franck Lepine	Attosecond applications in molecules
R. Kienberger	Attosecond applications on surfaces
Matthias Kling	Plasmonics
George Tsakiris	High harmonic generation from surfaces