

Attosecond dynamics in molecules and surfaces

The dynamics of electrons in molecules and surfaces of solids underlie the macroscopic response of matter and form the basis for exploring new ways for manipulating matter on ultrafast time scales.

The Laboratory of Attosecond Physics (LAP) offers a PhD position (Early stage researcher ESR) on this topic. The early-stage researcher will be part of the MEDEA Innovative Training Network (Horizon 2020). The work will be performed primarily at the Laboratory of Attosecond Physics in Garching, Germany and the Technical University of Munich.

Collaboration with the network nodes, including research or training visits to different labs of the network is considered. Candidates shall have a Master's degree in Physics or Chemistry. Experience in ultrafast Optics, molecular dynamics or surfaces physics acquired during previous studies will be considered as an advantage.

Applicants shall, at the time of recruitment by the host organisation, be in the first four years (full-time equivalent research experience) of their research careers and not yet have been awarded a doctoral degree. Applicants can be of any nationality. They are required to undertake transnational mobility (i.e. move from one country to another) when taking up their appointment. At the time of recruitment by the host beneficiary, researchers must not have resided or carried out their main activity (work, studies, etc.) in the country of their host beneficiary for more than 12 months in the 3 years immediately prior to the reference date.

Salary is according to EU standards for a full position and *will be composed of a monthly living allowance: (€ 3,110 / month adjusted through the correction coefficient 98.8 for Germany) and a mobility allowance (€ 600 / month). Depending on the researcher's family situation at the recruitment date also a family allowance (€ 500 / month) could be paid."*

Applications from female candidates are strongly encouraged.

Contact: Prof. Dr. Reinhard Kienberger reinhard.kienberger@tum.de or Dr. E. Goulielmakis elgo@mpq.mpg.de

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See www.attoworld.de for further information.