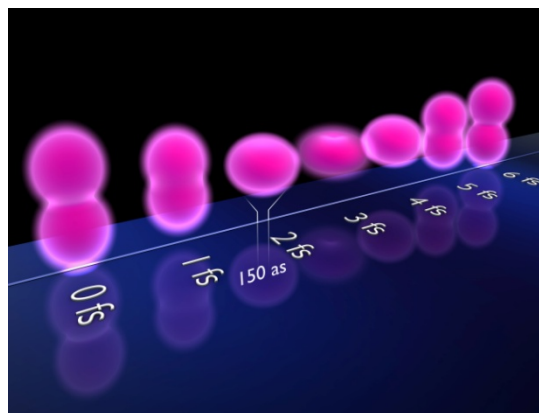


Postdoctoral Position-LAP (Theoretical)

The research group **Attoselectronics** of the **Laboratory of Attosecond Physics (LAP)** located at the **Max Planck Institute of Quantum Optics (MPQ)** is seeking for a post-doctoral candidate to work on the topic of:

Attosecond strong field interactions of light and matter at the sub-optical-cycle regime

The confinement of the interaction of light and matter to within a fraction of an optical cycle along with novel techniques of attosecond science just like attosecond streaking and attosecond absorption spectroscopy open up completely new opportunities for exploring ultrafast electronic phenomena on their native scale of time. These include ionization dynamics probed in real time, electron-electron correlations as well as the generation and real-time observation of coherent electron motion in the valence shell of atoms and molecules. The candidate will join a team of researchers (experimental and theoretical team of LAP) and is expected to provide theoretical support by developing a theoretical toolbox needed to explore electron dynamics in the gas phase.



Candidates with a PhD in physics or relevant discipline, experience in numerical simulation of strong field interaction of atoms or molecules with ultrashort intense fields, and most importantly, the desire to explore new paths in ultrafast optics, are encouraged to apply. A CV, a list of publications as well as the names and addresses of two references shall be submitted to:

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