

## Postdoctoral Position-LAP

The Laboratory of Attosecond Physics (**LAP**) located at the Max Planck institute of quantum optics (**MPQ**) is seeking a post-doctoral candidate to work on the topic of:

### **Attosecond physics with intense waveform-controlled sub-optical-cycle pulses.**

The candidate will join a team of researchers and is expected to contribute substantially to the development of broadband, powerful pulsed sources of light as well as for their temporal compression and superposition to create waveforms that **contain less than one field oscillation within the FWHM of their intensity profile.**



These sources, in turn will be used along with novel techniques like **attosecond streaking** and **attosecond absorption spectroscopy** to gain insight into the electron motion in gas phase systems as well as to control this motion in real time.

Candidates with a PhD in physics or relevant discipline and experience in the generation of ultrashort pulses, lasers amplifiers, and hollow-core fiber compressors as well as a high harmonic/attosecond pulse generation are encouraged to apply.

Interested candidates shall submit their CV, list of publications and the names and addresses of two references to:

#### **Dr. Eleftherios Goulielmakis**

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