

Open lecture: Attosecond Light Pulses for Studying Ultrafast Electron Dynamics

Wednesday 24 May 2023 17:00 (1 hour)

Extreme Ultraviolet light sources based on high-order harmonic generation in gases are now used in many areas of science. The radiation consists of a train of extremely short light bursts, in the attosecond range, allowing for outstanding temporal resolution. HHG has opened the field of attosecond science, where ultrafast electron dynamics in matter is captured. In this presentation, I will give an introduction to this field of research. I will also share a few thoughts about gender aspects in my career.

Presenter: Prof. L'HUILLIER, Anne (Lund University)