Annual Meeting of the Swiss Physical Society 2024



Contribution ID: 238 Type: Talk

[10] The route to attosecond pulses

Monday 9 September 2024 18:30 (1h 15m)

When an intense laser interacts with a gas of atoms, high-order harmonics are generated. In the time domain, this radiation forms a train of extremely short light pulses, of the order of 100 attoseconds. Attosecond pulses allow the study of the dynamics of electrons in atoms and molecules, using pump-probe techniques. This presentation will highlight some of the key steps of the field of attosecond science.

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

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

Session Classification: Public Lecture