



UNIVERSITY  
OF TRENTO - Italy  
Department of Physics

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**2023, December 13 – 2:00 p.m., Room A208 – Polo Ferrari 1**

## **Attosecond Science for the study of electron dynamics in matter**

### **Abstract**

In this Colloquium I will discuss the fundamental concepts behind the awarding of the Nobel Prize in Physics 2023 to Pierre Agostini, Ferenc Krausz and Anne L'Huillier "for experimental methods that generate attosecond pulses of light for the study of electron dynamics in matter.

### **Further references**

Francesca Calegari et al 2016 J. Phys. B: At. Mol. Opt. Phys. 49 062001  
DOI 10.1088/0953-4075/49/6/062001

Rocío Borrego-Varillas et al 2022 Rep. Prog. Phys. 85 066401  
DOI 10.1088/1361-6633/ac5e7f

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