

# ERC StG ATTOSTRUCTURA mid-term report public briefing

Structured attosecond pulses for ultrafast nanoscience

12.00 h. Introduction *Carlos Hernández-García*

12.20 h. Novel methodologies for a complete theoretical description of high harmonic generation *Javier Serrano*

12.40 h. Structured EUV beams towards nano spin-orbit interaction *Alba de las Heras*

13.00 h. Non-linear, chiral magnetization dynamics driven by structured beams *Luis Sánchez-Tejerina*

13.20 h. Towards Fourier-limited x-ray attosecond pulses *Rodrigo Martín-Hernández*

13.40 h. Open discussion

**Open to the general public**

Sala de Juntas. Facultad de Ciencias. Friday 22nd July 2022