

# SMART-X workshop on **X-RAY SPECTROSCOPY** and related phenomena

Organized by: Umberto De Giovannini  
Hannes Hübener  
Frank de Groot



[www.smartx-itn.eu/workshop-palermo](http://www.smartx-itn.eu/workshop-palermo)

**DEC 4-5-6 2023**  
**PALERMO**



## KEYNOTE SPEAKERS:

- **Angel Rubio**  
Max Plank Institute for the structure and dynamics of matter, Hamburg, Germany
- **Massimo Altarelli**  
former director XFEL, MPSD, Hamburg, Germany
- **Giacomo Ghiringhelli**  
Politecnico di Milano, Italy
- **Sangeeta Sharma**  
Max Born Institute, Berlin, Germany

## CONTRIBUTIONS ARE WELCOME FOR:

Time-resolved X-Ray spectroscopy  
Strong light-matter interaction  
Ab-initio theory and TDDFT  
Core-level spectroscopy  
RIXS



## VENUE:

Orto Botanico di Palermo, Via Lincoln 2, Palermo, Italy

## CONTACTS:

umberto.degiovannini@unipa.it  
hannes.huebener@mpsd.mpg.de  
f.m.f.degroot@uu.nl