

SMART-X

2nd Annual SMART-X Symposium

April 6-9, 2022

SAVOIA EXCELSIOR PALACE

Meeting room "Imperatore"

Riva del Mandracchio, 4; 34124 Trieste



April 6

09:00-12:15	Welcome
12:15-13:15	<i>Lunch</i>
13:15-13:30	Introduction
13:30-14:15	Simone DiMitre (Elettra, <i>P</i>) <i>Introduction to short wavelength coherent light sources: present and outlook</i>
14:15-14:30	Ettore Paltanin (ESR11)
14:30-14:45	Igor Tyulnev (ESR9)
14:45-15:00	Masoud Lazemi (ESR6)
15:00-15:15	Bogdan Ispas (ESR1)
15:15-15:30	Mukhtar Lawan (ESR13)
15:30-16:00	<i>Break</i>
16:00-16:45	Gianluca Stefanucci (<i>Rem</i>), <i>NEGF methods for real-time simulations of interacting electrons and bosons</i>
16:45-17:00	Lorenzo Restaino (ESR8)
17:00-17:15	Sambit Das (ESR7)

April 7

- 09:00–09:45 **Andrea Caviglia** (TU Delft, *Rem*), *Coherent spin-wave transport in an antiferromagnet*
- 09:45–10:00 Antonella Treglia (ESR10)
- 10:00–10:30 *Break*
- 10:30–10:45 Evgenia Symeonidou (ESR12)
- 10:45–11:00 Nicolas Velasquez (ESR5)
- 11:00–11:15 Benjamin Maingot (ESR14)
- 11:15–11:30 Nursulton Abdurakhimov (ESR15)
- 11:30–12:15 **Anna Bergamaschi** (PSI, *P*), *Position sensitive detectors for the soft X-ray and EUV energy range: overview and new developments*
- 12:15–13:00 *Lunch*
- 13:15–14:00 **Nirit Dudovich** (Weintzman institute of Science, *Rem*), *Attosecond Interferometry*
- 14:00–14:15 Stavroula Vovla (ESR2)
- 14:15–14:30 Miguel Segovia (ESR4)
- 14:30–14:45 Zhuang-Yan Zhang (ESR3)
- 14:45–15:30 **Scott Cushing** (Caltech, *Rem*), *Translating excited state X-ray measurements into physical phenomena*
- 15:30–16:00 *Break*
- 16:30– **Social activities:** Visiting the caves ([Grotta Gigante](#)) + Dinner at [hostaria Malcantone](#)

April 8

09:00-10:30 "STEM Wars" R.Cucini, I. Persico, V.Di Biagio

10:45-11:15 *Break*

11:15-12:15 Supervisory Board

12:15-13:15 *Lunch*

13:15-15:45 Student Chapter

April 9

10:00-15:00 Student Chapter Exploration activity