



The Abdus Salam International Center for Theoretical Physics
Leonardo Building - Euler Lecture hall

Monday, 4 November 2019

08:30 Registration

Room: Reception Desk - Leonardo Building main entrance

Welcome and Introduction

Room: Euler Hall

09:00 *Alfonso Franciosi, Elettra Sincrotrone Trieste*
▼ Welcome and Introduction

Towards CLS 2.0 and Elettra 2.0

Chair: Kevin Prince, Elettra Sincrotrone Trieste

Room: Euler Hall

09:15 *Silvano Lizzit, Elettra Sincrotrone Trieste*
▼ Science and beamlines of Elettra 2.0

09:45 *Rob Lamb, CLS*
▼ Canadian Strategies towards CLS2.0: From Agriculture to Quantum Materials

10:15 *Emanuel Karantzoulis, Elettra Sincrotrone Trieste*
▼ Elettra 2.0

coffee break and group photo

Options for CLS 2.0 and Elettra 2.0

Chair: Emanuel Karantzoulis, Elettra Sincrotrone Trieste

Room: Euler Hall

11:15 *Mark Boland, CLS*
▼ Overview of CLS2.0

11:45 *Simone Di Mitri, Elettra Sincrotrone Trieste*
▼ Options for Time-Resolved Experiments at Elettra 2.0

12:15 *Les Dallin, CLS*
▼ The CLS2.0 Storage Ring Lattice Design

Lunch

Insertion devices and beamlines design

Chair: Raffaella Geometrante, Kyma Undulators

Room: Euler Hall

14:00 *Cameron Baribeau, CLS*
▼ Opportunities and Challenges for 4th Generation Light Source Insertion Devices

14:30 *Lorenzo Raimondi, Elettra Sincrotrone Trieste*
▼ Optical design of beamlines at Elettra 2.0

15:00 *Kiran Mundboth, CLS*
▼ Beamline Design Aspects to Consider for CLS 2.0

15:30 *Roman Chernikov, CLS*
▼ Experience from Max IV: What can we learn for Future Hard X-Rays Beamlines

Coffee break

New science from spectroscopic and complementary techniques

Chair: Maya Kiskinova, Elettra Sincrotrone Trieste

16:30 *Claudio Masciovecchio, Elettra Sincrotrone Trieste*

▼ Frontier Science at FERMI

17:00 *Gianluigi Botton, CLS*

▼ What Can we Learn (and use) from other Techniques. A different point of view

17:30 *Giuliana Aquilanti, Elettra Sincrotrone Trieste*

▼ Spectroscopy and microscopy in the hard x-ray range at Elettra 2.0

18:00 *Lucia Zuin, CLS*

▼ 18:30 Soft-X-Rays Beamlines at CLS

Break

Social Dinner

Trattoria al Molo. Riva Massimiliano e Carlotta, 11, 34151 Grignano - Trieste

Tuesday, 5 November 2019

X-ray Microscopy

Chair: Andrea Locatelli, Elettra Sincrotrone Trieste

Room: Euler Hall

- 09:00 *Jian Wang, CLS*
▼ Scanning Transmission X-ray Microscopy. Current and Future Prospects at CLS
- 09:30 *Alessandra Gianoncelli, Elettra Sincrotrone Trieste*
▼ Imaging with soft x-rays: microscopy and ptychography
- 10:00 *Onur Mentesh, Elettra Sincrotrone Trieste*
▼ A synchrotron-based stereo-microscope: XPEEM and CDI
- 10:30

Coffee break

Hard X-ray Imaging

Chair: Fulvia Arfelli, University of Trieste

Room: Euler Hall

- 11:00 *Giuliana Tromba, Elettra Sincrotrone Trieste*
▼ Biomedical imaging at Elettra and Elettra 2.0
- 11:30 *Dean Chapman, CLS*
▼ Imaging with beam expanders: Challenges and Benefits with Next Generation Light Sources
- 12:00 *Lucia Mancini, Elettra Sincrotrone Trieste*
▼ Hard X-ray imaging of materials for in-situ and real-time studies
- 12:30

Lunch

Infrared spectro-imaging

Chair: Lisa Vaccari, Elettra Sincrotrone Trieste

Room: Euler Hall

- 14:00 *Scott Rosendhal, CLS*
▼ Synchrotron-Based Infrared Research in Canada- Present and Future Challenges
- 14:30 *Giovanni Birarda, Elettra Sincrotrone Trieste*
▼ IR at Elettra and Elettra 2.0
- 15:00

Conclusions

Chair: Kevin Prince, Elettra Sincrotrone Trieste

Room: Euler Hall

Coffee break

15:40 Visit to Elettra/ Fermi / Kyma