

**1st on-line School on
Synchrotron Radiation
“Gilberto Vlaic”:
Fundamentals, Methods and
Application**



Report of Contributions

Contribution ID: 5

Type: **not specified**

L. Vaccari - A. Perrucchi: Infrared spectroscopy with synchrotron and FEL radiation

Tuesday, September 14, 2021 9:00 AM (2 hours)

Contribution ID: 6

Type: **not specified**

A.Di Cicco: X-ray absorption and fluorescence spectroscopy

Tuesday, September 14, 2021 11:00 AM (2 hours)

Contribution ID: 8

Type: **not specified**

Characteristics and Properties of Synchrotron Radiation: an introduction

Monday, September 13, 2021 9:15 AM (1 hour)

Presenter: Prof. MOBILIO, Settimio

Contribution ID: 9

Type: **not specified**

The interaction between matter and radiation

Monday, September 13, 2021 10:15 AM (1h 15m)

Presenter: Prof. BOSCHERINI, Federico

Contribution ID: **10**

Type: **not specified**

Virtual tour of ELETTRA and FERMI facilities

Monday, September 13, 2021 2:00 PM (3 hours)

Presenter: Dr PAOLUCCI, Giorgio

Contribution ID: 11

Type: **not specified**

Characteristics and Properties of Synchrotron Radiation: Free Electron Lasers and Coherence

Monday, September 13, 2021 5:15 PM (1 hour)

Presenter: Prof. MARGARITONDO, Giorgio

Contribution ID: 12

Type: **not specified**

Data analysis of X-ray absorption spectroscopy data

Tuesday, September 14, 2021 3:00 PM (3 hours)

Presenter: Dr MENEHINI, Carlo

Contribution ID: 13

Type: **not specified**

X-ray Diffraction in crystals and powders

Wednesday, September 15, 2021 9:00 AM (2 hours)

Presenter: Prof. ZANOTTI, Giuseppe

Contribution ID: 14

Type: **not specified**

Small angle X-ray scattering

Wednesday, September 15, 2021 11:30 AM (2 hours)

Presenter: Dr AMENITCH, Heinz

Contribution ID: 15

Type: **not specified**

Data analysis of diffraction data

Wednesday, September 15, 2021 3:00 PM (3 hours)

Presenter: Dr MERLINI, Marco

Contribution ID: 16

Type: **not specified**

Introduction to photoelectron spectroscopy in atoms, molecules and solids

Thursday, September 16, 2021 9:00 AM (2 hours)

Presenter: Prof. STEFANI, Giovanni

Contribution ID: 17

Type: **not specified**

Core level photoelectron spectroscopy

Thursday, September 16, 2021 11:30 AM (2 hours)

Presenter: Prof. BARALDI, Alessandro

Contribution ID: **18**

Type: **not specified**

Data analysis of photoemission data

Thursday, September 16, 2021 3:00 PM (3 hours)

Presenter: Dr BIGNARDI, Luca

Contribution ID: 19

Type: **not specified**

Hard X-ray imaging with Synchrotron Radiation

Friday, September 17, 2021 9:00 AM (2 hours)

Presenter: Dr TROMBA, Giuliana

Contribution ID: 20

Type: **not specified**

Watching nanomaterials with X-ray eyes: probing different length scales by

Friday, September 17, 2021 11:30 AM (1 hour)

Presenter: Dr MINO, Lorenza

Contribution ID: 22

Type: **not specified**

Synchrotron radiation-based X-ray methods and vibrational spectroscopy

Friday, September 17, 2021 12:30 PM (1 hour)

Presenter: Dr MONICO, Letizia