

**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 MENECHINI, 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 AMENTCH, 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