

Monday, 17 June 2024

10.00 – 13.05 | 14.30 – 17.00

Aula Magna di Fisica, Via Pietro Giuria 1 Torino

NIS Colloquium

# CARLO LAMBERTI'S SPORES TELL THEIR SCIENTIFIC EXPERIENCES

| Time                    | Name  | Title   |
|-------------------------|---|---|
| 10.00-10.15             | Gabriele Ricchiardi<br>Elena Groppo<br>Miguel Banares | Welcome and a few words   |
| Chair: Lorenzo Mino     |   |   |
| 10.15-10.35             | Carmelo Prestipino                                    | Is the stereochemical activity of Sn <sup>2+</sup> a crucial factor for the generation of low thermal conductivity in tin-based sulfides? |
| 10.40-11.00             | Giovanni Agostini                                     | NOTOS beamline at ALBA: combination XAS and XRD techniques for in situ and operando characterization                                      |
| 11.05-11.25             | Andrea Piovano  | From X-rays to Neutrons: slow down and take it easy   |
| 11.30-11.50             | Coffee break  |   |
| 11.50-12.10             | Riccardo Pellegrini                                   | CHIMET – UNITO: a long journey through the characterization of industrial PGMs catalysts  |
| 12.15-12.35             | Diego Gianolio  | In situ/Operando characterization by X-ray Absorption Spectroscopy for catalytic and electrochemical reactions at Diamond Light Source    |
| 12.40-13.00             | Erik Gallo  | X-ray Spectroscopy: From Synchrotron to Tokamak   |
| 13.05-14.30             | Lunch break   |   |
| Chair: Elisa Borfecchia |   |   |
| 14.30-14.45             | Karl Petter<br>Ton W. Janssens                        | A few words   |
| 14.45-15.05             | Kirill Lomachenko                                     | Recent developments at BM23 and ID24-DCM XAS beamlines of the ESRF  |
| 15.10-15.30             | Aram Bugaev   | XAS and IR: Bridging two Carlo's Passions by Machine Learning   |
| 15.35-15.55             | Luca Braglia  | Advancements in APE-HE beamline for in situ/operando soft-XAS characterization  |
| 16.00-16.20             | Ilia Pankin   | Carlo's heritage in Rostov: summary on the studies of functionalized porous materials and advanced approaches for spectroscopic analysis  |
| 16.25-16.45             | Andrea Martini  | Dynamic structure of single atom sites probed by XAS and XES  |
| 16.50-17.00             | Silvia Bordiga  | Conclusions and greetings   |
| 17.00                   | Aperitif  | Via Pietro Giuria 7   |