

**Monday September the 10th**

9.00 – 9.30	9.30 – 11.00		11.30 – 12.30	12.30 – 15.00	<b>15.00 – 16.30</b>	16.30 – 18.30
<b>S. Mobilio, G. Vlaic, A.Franciosi, G. Stefani: Opening Session</b>	<b>G. Margaritondo: Characteristics and Properties of Synchrotron Radiation</b>	<b>Coffee Break</b>	<b>G. Margaritondo: Characteristics and properties synchrotron radiation</b>	<b>Lunch time</b>	<b>S. Mobilio: Synchrotron Radiation</b>	<b>Poster Session &amp; Presentation</b>

**Tuesday September the 11th**

9.00 – 10.30	10.30 – 11.00	11.00 – 12.30	12.30 – 15.00	15.00 – 17.00	17.00 – 19.00
<b>S. Mobilio: Introduction to the interaction between radiation and matter - I</b>	<b>Coffee Break</b>	<b>S. Mobilio: Introduction to the interaction between radiation and matter - II</b>	<b>Lunch time</b>	<b>C.M. Bertoni: Matter- Radiation interaction</b>	<b>Poster Session &amp; Poster Presentation</b>

**Wednesday September the 12th**

9.00 – 10.30	10.30 – 11.00	11.00 – 12.30	12.30 – 15.00	15.00 – 16.30	16.30 – 17.00	17.00 – 18.30
<b>G. Stefani: Photoelectron Spectroscopy</b>	<b>Coffee Break</b>	<b>M. Milanesio: X-ray Diffraction</b>	<b>Lunch time</b>	<b>G. Stefani: Photoelectron Spectroscopy</b>	<b>Coffee Break</b>	<b>M. Milanesio: X-ray Diffraction</b>

**Thursday September the 13th**

9.00 – 10.30	10.30 – 11.00	11.00 – 12.30	12.30 – 15.00	15.00 – 16.30	16.30 – 17.00	17.00 – 18.30
<b>G. Paolucci: Photoemission from solids</b>	<b>Coffee Break</b>	<b>P. Scardi : Powder Diffraction &amp; Synchrotron Radiation</b>	<b>Lunch time</b>	<b>G. Paolucci: Core level photoemission and Photoelectron diffraction</b>	<b>Coffee Break</b>	<b>S. Polizzi, P. Riello: Small angle X-ray scattering</b>

**Friday September the 14th**

9.00 – 10.30	10.30 – 11.00	11.00 – 12.30	12.30 – 14.30	14.30 – 16.30	16.30 – 17.00	17.00 – 18.30
<b>P. Fornasini: X-ray Absorption Spectroscopy</b>	Coffee Break	<b>P. Fornasini: X-ray Absorption Spectroscopy</b>	Lunch time	<b>M. Benfatto: XANES spectroscopy</b>	Coffee Break	<b>F. Boscherini: Applications of X- ray Absorption Spectroscopy</b>

**Saturday September the 15th**

9.00 – 10.30	10.30 – 11.00	11.00 – 12.30	
<b>D. Eichert: Phase Contrast Imaging and Micro- spectroscopy</b>	Coffee Break	<b>S. Lupi: Synchrotron radiation applications in infrared</b>	

**Monday September the 17th**

9.00 – 10.30	10.30 – 11.00	11.00 – 12.30	12.30 – 15.00	15.00 – 16.30	16.30 – 17.00	17.00 – 18.30
<b>F. Parmigiani: Free Electron Lasers</b>	<b>Coffee Break</b>	<b>A. Martorana: Synchrotron Radiation &amp; Chemistry</b>	<b>Lunch time</b>	<b>M. Nardini: Synchrotron Radiation and Biocrystallography</b>	<b>Coffee Break</b>	<b>M. Nardini: Synchrotron Radiation and Biocrystallography</b>

**Tuesday September the 18th**

9.00 – 10.30	10.30 – 11.00	11.00 – 12.30	12.30 – 14.00	15.00 – 19.00
<b>G. Rossi: Synchrotron Radiation &amp; Magnetism</b>	<b>Coffee Break</b>	<b>G. Rossi: Synchrotron Radiation &amp; Magnetism</b>	<b>Lunch time</b>	<b>Practicals&amp;Data Analysis at ELETTRA</b>

**Wednesday September the 19th**

9.00 – 10.30	10.30 – 11.00	11.00 – 12.30	12.30 – 15.00	15.00 – 16.30	16.30 – 17.00	17.00 – 18.30
<b>A. Locatelli: Chemical and magnetic imaging using photoemission electron microscopy</b>	<b>Coffee Break</b>	<b>A. Ruocco: Surface Diffraction</b>	<b>Lunch time</b>	<b>S. Quartieri: Synchrotron Radiation &amp; Earth Science</b>	<b>Coffee Break</b>	<b>S. Quartieri: Synchrotron Radiation &amp; Cultural Heritage</b>

**Thursday September the 20th**

9.00 – 10.30	10.30 – 11.00	11.00 – 12.30	12.30 – 14.00	15.00 – 19.00
<b>G. Ruocco: High resolution inelastic X-ray scattering</b>	<b>Coffee Break</b>	<b>A. Tagliaferri: Resonant Inelastic X-ray scattering</b>	<b>Lunch time</b>	<b>Practicals&amp;Data Analysis at ELETTRA</b>

**Friday September the 21th**

9.00 – 10.30	10.30 – 11.00	11.00 – 12.30	12.30 – 13.00
<b>G. Tromba Synchrotron Radiation in Medicine</b>	<b>Coffee Break</b>		<b>S. Mobilio G. Vlaic: Concluding remarks</b>

Practicals and Data Analysis session at ELETTRA: Students will be divided into two groups, the 18<sup>th</sup> one group will attend a practical session on beam-lines, the other will attend a data analysis session. On the 20<sup>th</sup> the two groups will exchange sessions.

The experiments will be performed on the following beamlines: XAS spectroscopy, Imaging, BEAR, ALOISA and

The Data analysis session will be on powder diffraction the 18<sup>th</sup> (C. Meneghini and M. Merlini ) and on X-ray Absorption Spectroscopy ( C. Maurizio and C. Meneghini) on the 20<sup>th</sup>.