

HERCULES 2018 : PRACTICALS AT ELETTRA/FERMI , Tuesday, March 20 (2:00-5:30pm)

Installation	Beamlines	Instructors	Title	Date	Group	Studied material / topic
Elettra	GasPhase	Robert Richter, Kevin Prince, Marcello Coreno	Photoelectron and ion spectroscopy of atoms and small molecules in the gasphase	20/03 pm	4A	Atoms and small molecules
Elettra	APE-LE	Ivana Vobornik, Jun Fujii	ARPES and Spin-ARPES experiments on a system with strong spin-orbit interaction	20/03 pm	5A	Strong spin-orbit interaction systems
FERMI	MagneDYN	Antonio Caretta, Roberta Ciprian, Marco Malvestuto	Ultrafast optomagnetism in a rare-earth/transition metal bilayer	20/03 pm	6A	TR magneto-optical Kerr effect spectroscopy on Co/Ni/Gd
Elettra	NanoLab	Pietro Parisse	AFM imaging and force spectroscopy on cells	20/03 pm	3B	Cells
FERMI	LDM	Carlo Callegari, Oksana Plekan	Time-of-flight spectrometry of fragmentation in simple bio-molecules in a supersonic jet	20/03 pm	4B	Molecules (e.g. indole) in the gas phase