

Raman Week @ UNITO 2025

Basics of Raman spectroscopy and applications
in Physics, Chemistry, Biology, Geology
27 - 31 January 2025

DEADLINE FOR REGISTRATION: 17 January 2025

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4 CFU

January 27		Teacher
9:30 - 11:00	<i>Basics on Raman spectroscopy</i>	P. Olivero, Dept Physics
11:00 - 12:00	<i>Acquisition of Raman data</i>	S. Ferrando, Dept Earth Sciences
	Break	
12:00 - 13:00	<i>Raman applications in materials of artistic and archaeological interest</i>	E. Diana, Dept Chemistry
January 28		
10:00 - 11:00	<i>Raman spectroscopy applied to C-based materials</i>	F. Picollo, Dept Physics
11:00 - 12:00	<i>Raman spectroscopy and imaging for bio-chemical investigations</i>	F. Turci, Dept Chemistry
	Break	
12:00 - 13:00	<i>Processing of Raman data</i>	E. Alladio, Dept Chemistry
January 29		
9:00 - 10:00	<i>Surface Enhanced Raman Spectroscopy</i>	A. Damin, Dept Chemistry
10:00 - 11:00	<i>Raman spectroscopy of silicate melts and glasses applied to melt properties characterization: a volcanological perspective</i>	D. Giordano, Dept Earth Sciences
	Break	
11:00 - 12:00	<i>Raman applications in biodeterioration studies</i>	S. Favero, DBIOS
12:00 - 13:00	<i>Statistic treatment of spectroscopic data</i>	E. Alladio, Dept Chemistry
January 30		
9:00 - 10:00	<i>Raman applications in petrology</i>	S. Ferrando, Dept Earth Sciences
10:00 - 11:00	<i>Raman spectroscopy for food and packaging analysis</i>	A.M. Rossi, INRIM
	Break	
11:00 - 12:00	<i>Application of Raman Spectroscopy to Environmental and Forensic Sciences</i>	J.R. Petriglieri, Dept Earth Sciences
January 31		
9:00 - 13:00	<i>Practical lab - hands on Horiba LabRam HR</i>	F. Turci & J.R. Petriglieri, Dept Chemistry & Earth Sciences