Advances in Vibrational Spectroscopy
June 12 – 16th, 2023 Perugia (IT)

SCHOOL (12-14th)
Department of Chemistry, Biology and Biotechnology, University of Perugia

Topics:
- FTIR methods (micro/macro, transmittance/reflectance)
- Raman, micro-Raman, and resonance Raman spectroscopy
- Surface-enhanced (SERS) and Tip-enhanced Raman spectroscopy (TERS)
- Two-dimensional IR spectroscopy
- Brillouin spectroscopy
- Simulations of vibrational spectra
- Data processing, spectral analysis, and chemometrics

Experimental sessions in research laboratories at DCBB and DSF
In situ applications at the “Galleria Nazionale dell’ Umbria”

CONFERENCE (14-16th)
Sala dei Notari, Piazza IV Novembre

Event Speakers:
- Giulio Cerullo Ultrafast Spectroscopy, Physics Department, Politecnico di Milano, Milano IT
- Giuseppe Compagnini Materials Science and Nanotechnology, Chemistry Department, University of Catania, IT
- Kareem Elsayad Advanced Microscopy Laboratory, Vienna Biocenter Core Facilities, Vienna AT
- Sergei Kazarian Vibrational spectroscopy and chemical imaging, Department of Chemical Engineering, Imperial College London, UK
- Boris Mizaikoff Analytical and Bioanalytical Chemistry, Hahn-Schickard Institute for Microanalysis Systems, Ulm University, DE
- Costanza Miliani Chemistry for Cultural Heritage, Institute of Heritage Science, CNR ISPC, Perugia IT

http://www.dcbb.unipg.it/vispec2023
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