



International School on Vibrational Chiroptical Spectroscopy

ISVCS
2016

April 4-5, 2016
Department of Chemistry
Federal University of São Carlos
UFSCar
São Carlos, SP, Brazil

Description

Vibrational circular dichroism and Raman optical activity are no longer curious novelties in the field of molecular spectroscopy. The development of commercial instrumentation and reliable *ab initio* calculations for predicting theoretical spectra has made the use of these methods a routine both in academia and pharmaceutical industry. This school is aimed at providing attendees with solid concepts of experimental and computational vibrational optical activity for assessing stereochemical properties of natural products, synthetic compounds, pharmaceuticals, proteins, and carbohydrates. With an exciting line-up of speakers, this two-day event will certainly contribute to the advancement and consolidation of this research area in Brazil.

Who should attend?

Undergraduate and graduate students in chemistry, biochemistry, pharmacy and related areas, postdocs, professors and anyone interested in learning how chiroptical spectroscopy can be used for structural characterization of small molecules and macromolecules. The event will be limited to 50 participants.

School Chair

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Invited Speakers

Prof. Quezia B. Cass (UFSCar, Brazil)
Prof. Laurence A. Nafie (Syracuse University, USA)
Dr. Christian Merten (Ruhr-University Bochum, Germany)
Prof. Wouter Herrebout (University of Antwerp, Belgium)
Prof. Tohru Taniguchi (Hokkaido University, Japan)
Prof. Christian Johannessen (University of Antwerp, Belgium)
Dr. Rina K. Dukor (BioTools, Inc., USA)

Support

