



Seminar announcement

October 25, 2019
From 10:30 to 17:00

Room 10

FT-IR and Raman spectroscopy: rapid tools for studying agricultural, food and environmental samples

Attendance at the Seminar is free of charge





The seminar goal is to present the latest advances in FT-IR and Raman spectroscopy introducing to basic theoretical concepts and emphasizing practical application to various type of agro-environmental and food samples.

Program:

10:30 – 11:30 Introduction to Raman and SERS (Surface Enhanced Raman Scattering) spectroscopy (Prof. Santiago Sanchez Cortes, CSIC Madrid)

11:30 – 11:45 Coffee break

11:45- 13:00 Practice of Raman and SERS spectroscopy on different samples (pesticides in water, food dyes) (Prof. Santiago Sanchez Cortes, CSIC Madrid)

13:00 – 14:00 Lunch break

14:00 – 15:30 Introduction to FT-IR technique (Prof. Ornella Francioso, DISTAL Bologna)

15:30 – 15:45 Coffee break

15:45 – 17:00 Practice of FT-IR spectroscopy on agro-environmental and food samples (Mr Flavio Belvedere, ABCS Srl - Analytical Services Laboratory & Scientific Instruments, Milan)

It will be possible to carry out the measurements on own samples by informing Ornella Francioso (ornella.francioso@unibo.it) in advance.

