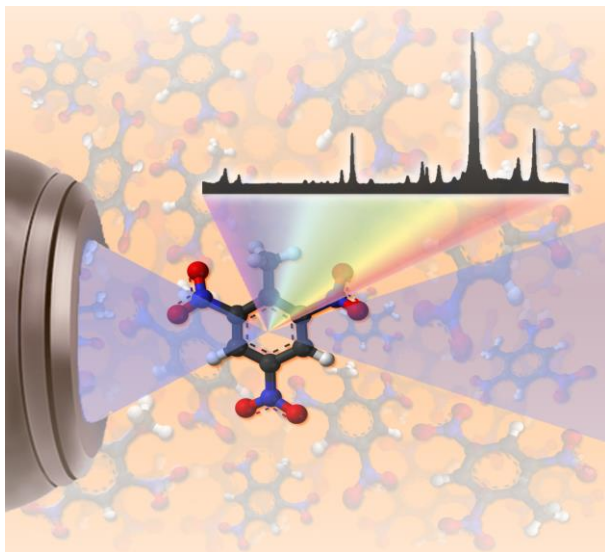


WORKSHOP ON DETECTION OF EXPLOSIVES BY RAMAN SPECTROSCOPY



7th November 2013

Salón de Grados, 1^a planta - Facultad de Derecho
C/ Libreros 27, Alcalá de Henares, Madrid



Work co-funded by the Prevention of
and Fight against Crime Programme
of the European Union.

Raman spectroscopy is a vibrational technique that measures the scattered light produced by a sample after exposition to a laser source. Its potential and limitations for the identification of explosives will be examined in this workshop.

✓ **9:00 – 9:25 h**

The RAMANEX project

Dr. Carmen García Ruiz

✓ **9:30 – 10:00 h**

What is Raman spectroscopy?

Dr. María López López

✓ **10:00 – 10:30 h**

Raman instrumentation. Spectra collection

Dr. María López López

✓ **10:30 – 11:00 h**

Coffee break

✓ **11:00 – 11:30 h**

Variations of Raman spectroscopy to overcome the challenges in the analysis of explosives

Dr. María López López

✓ **11:30 – 12:15 h**

Practical applications of Raman spectroscopy for explosives detection

Dr. María López López

✓ **16:00 – 20:00 h**

Personalized assistance to doubts and questions of participants

Dr. Carmen García Ruiz and Dr. María López López

Who could attend?

In order to make the workshop more effective, the number of participants will be limited to 25. FINEX members will have priority.

Other professional and students coursing last years in Biology / Chemical / Pharmacy / Engineering can be eligible for participation.

FREE INSCRIPTION

For inscription or further information, please contact:

inquifor@uah.es

The project RAMANEX (HOME/2011/ISEC/AG/4000002480) is being funded with support from the European Commission. The European Commission cannot be held responsible for any use which may be made of the information reported therein.