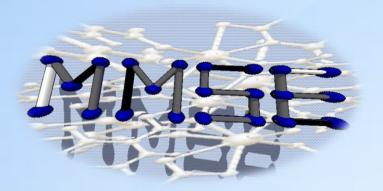
Centro de Química Estrutural – Instituto Superior Técnico – UL **IST-UL NMR Center — Portuguese NMR Network & IST Node of National MS Network** in collaboration with Centro de Ciências e Tecnologias Nucleares – Instituto Superior Técnico – UL



National Training Site Modern Methods of Structure Elucidation - 2014

27th - 31st October 2014



From theory to practice in

Solution and Solid-state NMR EPR spectroscopy Mass spectrometry X-ray diffraction

Solution NMR methods in structural analysis of (bio)organic and inorganic molecules

NMR interactions in solids & high resolution solid-state NMR

Format

Theoretical & Hands-on sessions Case Studies Discussions in small groups Demonstrations of techniques Participants' flash oral presentations **Book of Abstracts 3ECTS**

Invited speakers

Ana Gil (UA) Filipe A. Paz (UA) **Isabel Correia (IST)** Maria do Rosário Domingues (UA) Marta Abrantes (IST) Pedro Sebastião (IST) **Teresa Santos Silva (UNL)**

Organizing Committee Alexandra M. Antunes (CQE-IST) Vânia André (CQE-IST) Leonor Maria (C²TN-IST) Ana S. Ferreira (UNL/CQE-IST)

Scientific Committee

Sílvia Quaresma (CQE-IST)

Conceição Oliveira (CQE-IST) Joaquim Marçalo (C²TN-IST) João Paulo Telo (CQE-IST) José Ascenso (CQE-IST) **M. Teresa Duarte (CQE-IST) Teresa Nunes (CQE-IST)**

Hosted by CQE-IST

mmse@ist.utl.pt

http://cqe.ist.utl.pt/events/mmse/

(MAS, CP/MAS)

Introduction to mass spectrometry; applications of MS methods (ESI-MS)

X-ray diffraction techniques: single crystal and powder diffraction

EPR spectroscopy in characterization of organic and organometallic species

Registration dates

July 1st – October 1st