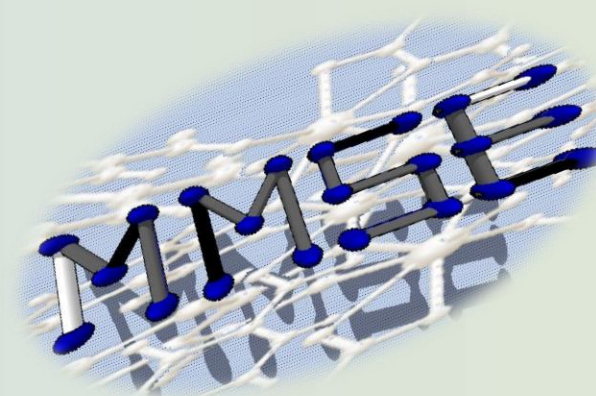


NATIONAL TRAINING SITE MODERN METHODS OF STRUCTURE ELUCIDATION - 2016



26-30 SEPTEMBER 2016

ORGANIZING COMMITTEE

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

SCIENTIFIC COMMITTEE

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)

INVITED SPEAKERS

John K. Gibson (Lawrence Berkeley
National Laboratory)
Teresa Santos-Silva (UNL)
Filipe Paz (CICECO-UA)
Luís Mafra (CICECO-UA)
Isabel Correia (CQE-IST)
Clara Gomes (CQE-IST)

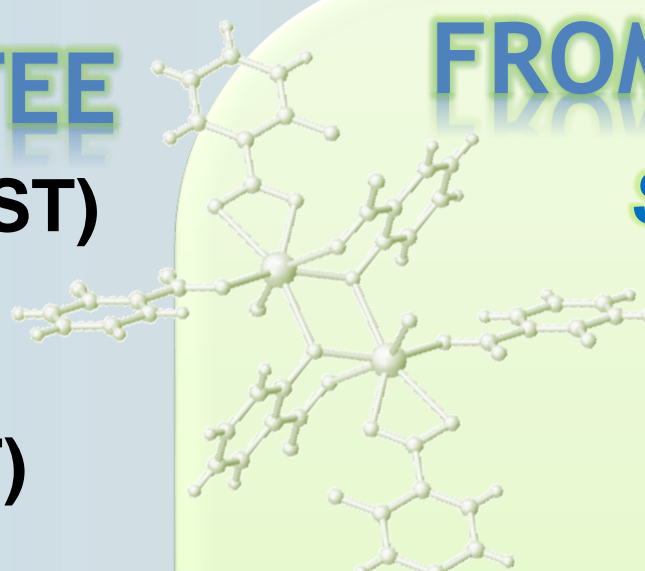
FROM THEORY TO PRACTICE IN

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 (MAS, CP/MAS)

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

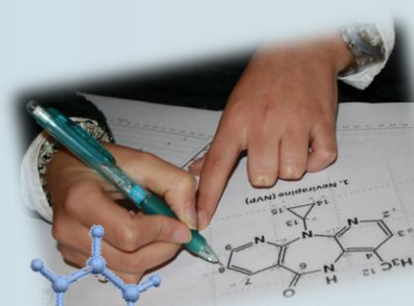
X-ray diffraction techniques: single crystal and
powder diffraction

EPR spectroscopy in characterization of organic and
organometallic species

3ECTS

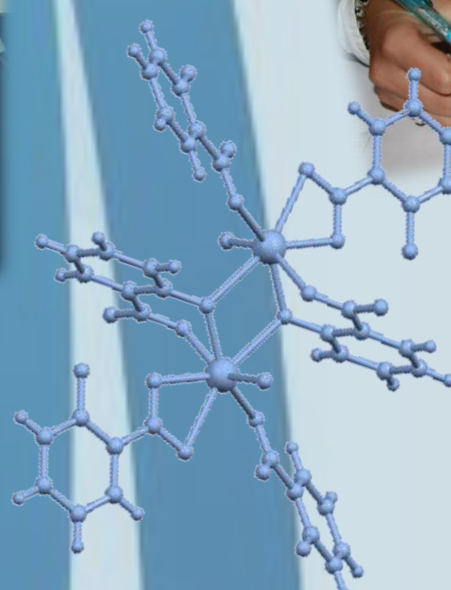
FORMAT

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



REGISTRATION DATES

June 1st – September 1st



mmse@ist.utl.pt



<http://cqe.tecnico.ulisboa.pt/education-and-training/advanced-training/mmse/>