



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
(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

Format

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

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)
Sílvia Quaresma (CQE-IST)

Scientific Committee

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

Registration dates

July 1st – October 1st

Hosted by CQE-IST

mmse@ist.utl.pt

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

3ECTs