



## Programme

Friday, February 3rd 2012	
9:00-9:30	<b>Reception and registration</b>
9:30-9:50	<b>Opening Session (Fernando Santana, Director of FCT/UNL)</b> <b>Eurico Cabrita</b> (coordinator of the PTNMR) <i>Portuguese NMR Network 2010/2011 - Overview</i>
	<b>Session 1</b> <b>Chairperson Eurico Cabrita (REQUIMTE, DQ-FCT, UNL)</b>
9:50-10:10	<b>Tiago Pais</b> (ITQB - Univ. Nova de Lisboa) <i>Relationship between protein stabilization by compatible solutes and changes in protein dynamics</i>
10:10-10:30	<b>Coffee Break</b>
	<b>Session 2</b> <b>Chairperson João Rocha (CICECO, Universidade de Aveiro)</b>
10:30-10:50	<b>Iola Duarte</b> (CICECO - Univ. Aveiro) <i>NMR metabonomics in disease and toxicity studies</i>
10:50-11:10	<b>John Jones</b> (CNC - Univ. de Coimbra) <i>Noninvasive analysis of human hepatic metabolism using deuterated water and 2H-NMR analysis of chemical biopsy agents.</i>
11:10-11:30	<b>Maria João Queiroz</b> (CQ - Univ. do Minho) <i>Structural characterization of new compounds: bioactive and for new materials.</i> <i>Characterization of quadrupolar metallic (<sup>71</sup>Ga and <sup>27</sup>Al) complexes with relevance for nuclear medicine.</i>
11:30-14:30	<b>Poster Session + Lunch + Coordination meeting</b>

	Friday, February 3rd 2012
	<b>Session 3</b> <b>Chairperson José Ascenso (IST, UTL)</b>
14:30-14:50	<b>Gabriel Feio</b> (CENIMAT/FCT- Univ. Nova de Lisboa) <i>Slow collective modes and biaxial ordering observed by deuterium NMR in the nematic phase of liquid crystals.</i>
14:50-15:10	<b>Pedro F. Cruz</b> (CQC - Univ. de Coimbra) <i>LRMN-CQC: from small molecules to proteins and their ligands</i>
15:10-15:30	<b>Galya Ivanova</b> (CEQUP - Univ. do Porto) <i>NMR study of biocompatible nanoparticles for therapeutic and biomedical applications</i>
15:30-15:50	<b>Coffee Break</b>
	<b>Session 4</b> <b>Chairperson Helena Santos (CERMAX, ITQB,UNL)</b>
15:50-16:10	<b>Alexandra Antunes</b> (CQE/IST -Univ. Tecn. de Lisboa) <i>NMR tools in molecular toxicology</i>
16:10-16:30	<b>Leonor Morgado</b> (REQUIMTE/FCT - Univ. Nova de Lisboa) <i>NMR as a tool for the improvement of the bioremediation and electricity harvesting skills of Geobacter</i>
16:30-16:50	<b>João Rodrigues</b> (CQM - Univ. Madeira) <i>Structural characterization of low dendrimers generations - NMR use at CQM</i>
16:50	<b>Concluding Remarks</b>

Information about lunches and coffee breaks

Coffee breaks in Sala Ágora

Lunch in Campus@come for speakers and poster presenting authors