

5th Short Course on Electrochemistry of Proteins

Date:

18th-20th October 2010

Course Description:

Comprehensive learning experience on electrochemical techniques. Application on biological systems, with a special emphasis on proteins involved in electron transfer processes (with and without catalytic activity). Biosensors.

Course Format:

Intensive 2-3 days classes integrating lecture and laboratory sessions that will include hands-on training on various instruments and applications.

Instructors:

Lecturers from the Chemistry Department of Faculdade de Ciências e Tecnologia and from the Associated Laboratory REQUIMTE.

Invited speakers from Instituto Superior Técnico and CNRS (Marseille, França).

Venue:

Chemistry Dept., Faculdade de Ciências e Tecnologia (UNL), Monte da Caparica

Fee:

€ 150 until 30th Sept. 2010

€ 200 after 30th Sept. 2010

Includes course manual, coffee-breaks and farewell lunch.

Application:

There are no formal academic requirements for this course: all applicants are welcome if they have the necessary background to understand the course material.

Coordinators:

M. Gabriela Almeida (mga@dq.fct.unl.pt)

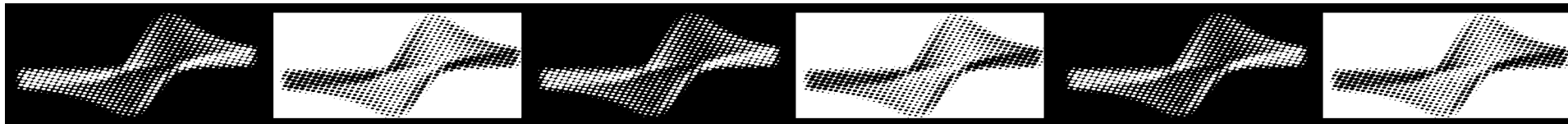
José Moura (jose.moura@dq.fct.unl.pt)

Course Secretariat:

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<http://www.requimte.pt/index.php?section=57>



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THEORETICAL MODULES

I. Biomolecules
Proteins and cofactors

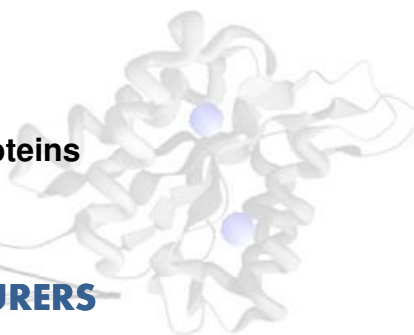
II. Electrochemistry
II. 1 Theoretical concepts
II. 2. Techniques

III. Electrode Interfaces

IV. Electrochemistry of proteins
(case studies)

LECTURERS

José Moura (JM) – FCT/UNL
Margarida Romão (MR) - IST/UTL
Patricia Sousa (PS) – FCT/UNL
Gabriela Almeida (GA) – FCT/UNL
Elisabeth Lojou (EL) - CNRS



TIME TABLE

Time	Day 1 (Monday)	Day 2 (Tuesday)	Day 3 (Wednesday)
9h	Reception	Module III (GA)	Hands-on II
10h	Module I (JM)	Module IV (JM & EL)	
11h			
12h	Module II.1 (MR)		
13h	Lunch	Lunch	Lunch
14h	Module II.1 (MR)	Hands-on I	/
15h			
16h	Module II.2 (PS)		
17h			