

## Programme for WG1 Meeting, February 23<sup>rd</sup> - 26<sup>th</sup>, Lisbon 2006

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### Thursday 23<sup>rd</sup> February

Arrival. Hotel registration.

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### Friday 24<sup>th</sup> February

#### 9:30 Welcome

09:45 Discussion of the "Action Statement for WG1". A draft will already have been distributed beforehand.

#### 10:30 Coffee-break

11:00 Eugen Illenberger (Free University Berlin): "Electron driven reactions in biologically relevant systems".

11:30 Marian Wolszczak (University of Lodz): "Experimental Studies of Electron Transfer within DNA Helix".

12:00 Nigel Mason (Open University): "UV and electron induced damage of DNA".

#### 12:30 Buffet-Lunch will be provided.

14:00 Chantal Houée-Lévin (Université Paris Sud): "Role of secondary structure on radio-sensitivity of beta amyloid peptide".

14:30 Stephan Denifl (University of Innsbruck): "Electron impact ionization and attachment studies of biomolecules embedded in He droplets".

15:00 Alexandre Giuliani (ICSN): "Mass spectrometric study of atmospheric pressure VUV photoionisation of peptides".

15:30 Gustavo Garcia (CSIC - Madrid): "Low energy electron tracks in ionisation chambers".

#### 16:00 Coffee-break

16:30 David Field (University of Aarhus): "First experiments on the interaction of cold electrons with solids".

17:00

Close 18:00

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**Saturday 25<sup>th</sup> February**

9:45 Jacqueline Bergès (Universite Paris Sud): "QM/MM study of electron addition on protein disulfide bonds".

10:15 Jimena Gorfinkiel (The Open University): "R-matrix calculations for biologically relevant systems"

**10:45 Coffee-break**

11:15 Stefan Matejcek (Comenius University, Bratislava): "Electron attachment studies to selected aminoacids".

11:45 Paulo Ribeiro (New University of Lisbon): "Analysis of biological structures by second harmonic generation".

**12:30 Buffet-Lunch will be provided**

14:00 Bratislav Marinkovic (University of Belgrade): "Elastic and inelastic electron scattering by biomolecules - the first step towards understanding of basic interactions".

14:30

15:00 General discussion: further input on "Action Statement"

**16:00 Coffee-break**

**19:30 Meet for dinner**

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**Sunday 26<sup>th</sup> February**

Departure for airports.

# Elastic and inelastic electron scattering by biomolecules – the first step towards understanding of basic interactions

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COST WG1 meeting, Lisbon, 23-26.02.2006

## Questions:

- *Why it is the first step towards understanding of basic interactions?*
- *What can we learn from differential cross sections?*
- *What is the relevance of data taken in binary collisions?*