

EPIC-EIPAM 2005 Meeting

Saturday 25th to Thursday 30th June 2005
San Martino al Cimino, Italy

Programme

Saturday 25th June

15.00 - 18.00	Registration at The Balletti Park Hotel
18.30	Get-together Cocktail on Hotel terrace
19.30	Dinner at the Hotel (Ristorante "Il Cavaliere")
21.00	Welcome Concert on the terrace
22.30	EPIC Committee Meeting

Sunday 26th June (Location: Palazzo Pamphili)

09.15	Welcoming Address	
09.30 - 10.15	Electron induced metastable decay of rare gas dimer ions: probing electronic states by sector field mass spectrometry to obtain high accuracy potential energy curves.	T. Maerk
10.15 - 10.45	<i>Coffee break</i>	
10.45 - 11.15	Appearance energies for electron impact ionization of helium clusters	M. Stano
11.15 - 11.45	Proton and electron affinities of pure and mixed water clusters	G. P. Karwasz
11.45 - 12.15	Excitation of neon atoms by electrons of energy 16.6 to 19.2 eV: absolute angle-differential cross sections	K. Franz
12.30 - 14.00	<i>Buffet Lunch</i>	
14.00 - 15.00	Private discussion and relaxation: (also: EIPAM Steering Group Meeting)	
15.00 - 15.45	Making cold molecules with cold atoms and laser light	F. Masnou-Seeuws
15.45 - 16.15	<i>Coffee break</i>	
16.15 - 16.45	Theory in Cold Electron Collisions Experiments	R. Curik
16.45 - 17.15	Free electron attachment to higher order and endohedral fullerenes	S. Ptasinska
17.15 - 17.45	Cold electron scattering by linear triatomic molecules	T. Stoecklin
19.30 - 21.00	<i>Dinner at the Hotel</i>	
21.00	Poster Session	

Monday 27th June (Location: Balletti Park Hotel, Sala Michelangelo)

09.30 - 10.15	Recognition of Biological Systems by Mass-Resolved Laser Spectroscopy	A. Giardini
10.15 - 10.45	<i>Coffee break</i>	
10.45 - 11.15	Electron scattering R-matrix calculations based on standard codes for molecular bound states	Nestmann
11.15 - 11.45	Ab initio R-matrix study of electron scattering from tetrahydrofuran	J.D. Gorfinkiel
11.45 - 12.15	Molecular total cross section measurements with positrons	A. Zecca
12.30 - 14.00	<i>Buffet Lunch on the Hotel Terrace</i>	
14.00 - 15.00	Private discussions and relaxation: (Also: Eurocores and other EU calls Meeting)	
15.00 - 15.45	The Australian Positron Beamline: a Facility for Atomic and Molecular, Bioscience and Materials Science Studies	S. Buckman
15.45 - 16.15	<i>Coffee break</i>	
16.15 - 16.45	Low Energy Electron Scattering from Nitrogen Molecules: a Lab Frame Approach	S. Telega
16.45 - 17.15	Electron interactions with CH ₃ COOH in condensed phase	M. Bertin
17.15 - 17.45	Application of the Feshbach-Fano R-matrix method to the dissociative electron attachment to the Cl ₂ molecule	V. Brems
19.30 - 21.00	<i>Dinner at the Hotel</i>	
21.00 - 22.30	Poster Session	

Tuesday 28th June (Location: Balletti Park Hotel)

08.30 - 13.00	Guided Tour of the city of Villa Lante and the Madonna della Quercia Sanctuary.	
13.30 - 15.00	<i>Buffet Lunch at the Hotel Terrace</i>	
15.00 - 16.00	Private discussions and relaxation	
16.00 - 16.45	Positron Binding Energies for Alkali Hydrides	R.J. Buenker
16.45 - 17.15	<i>Coffee break</i>	
17.15 - 17.45	Quantum Monte Carlo approaches to scattering, annihilation and energetic properties of positron and positronium containing systems	M. Mella
17.45 - 18.15	Positron Impact Ionization of Water	C. Arcidiacono
19.30 - 21.00	<i>Dinner at the Hotel</i>	
21.00 - 22.30	Poster Session	

Wednesday 29th June (Location: Balletti Park Hotel)

09.30-10.15 Rotational Excitation of Molecules by Electron Collisions Y. Itikawa

10.15 - 10.45 *Coffee break*

10.45 - 11.15 Low-Energy Electron Scattering from Water D. Field

11.15 - 11.45 Low energy electron driven reactions in single formic acid molecules (HCOOH) and their homogeneous clusters I. Martin

11.45 - 12.15 DCS maps for vibrationally inelastic electron-molecule scattering B. Pezler

12.30 - 14.00 *Buffet Lunch on the Hotel Terrace*

14.00 - 15.00 Private discussions and relaxation:

15.00 - 15.45 The Effects of Resonances on Molecular Frame Photoelectron Angular Distributions and Vibrational Branching Ratios R.R. Lucchese

15.45 - 16.15 Theoretical Studies of Electron-Molecule Scattering and Molecular Photoionization D. Toffoli

16.15 - 16.45 *Coffee break*

16.45 - 17.15 Study of the Interactions of Electrons with Biomolecules M. Vinodkumar

17.15 - 17.45 Nanoscale local environment of sp³- (—CH_x) and sp²- (=CH_x) hybridized hydrides groups in hydrogenated polycrystalline diamond films. R. Azria

17.45 - 18.15 Reactions in Gaseous and Condensed Formic Acid (HCOOH) Induced by Low Energy (< 20 eV) Electrons T. Sedlacko

18.15 - 18.45 A New Instrument to Study Cold Electron-Solid Interactions P. Cicman

20.30 *Conference Dinner at the Swimming Pool Side.*

Thursday 30th June

Breakfast and departures of participants by 11.00 at the latest