

RESEARCH CONFERENCES

ESF-FWF Conference

Chemical Control with Electrons and Protons Obergugl • Austria • 22-27 November 2008

_	Surname	First Name	List of Accepted Posters Poster Title
1	Abdoul-Carime	Hassan	Damage to Protein and its Building-blocks Induced Electrons at Sub-excitation Energies
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2	Allan	Michael	Absolute cross sections for electron-molecule processes
3	Bald	Ilko	Free electrons and electron transfer processes in UV-MALDI
4	Balgar	Thorsten	Studies on the vibrational excitation of CO/Si(100) by means of SFG spectroscopy: Overtones induced by UV-generated hot electrons
5	Balog	Richard	Investigation of hydrogen adsorbates on graphene
6	Castro Palacio	Juan Carlos	Structural photoinduced dynamics of NO doped Kr solids
7	Echt	Olof	Formation of even-numbered hydrogen cluster cations in helium droplets
8	Edtbauer	A.	Dissociative Electron Attachment to Biomolecules
9	Eliasek	Jiri	Antiproton hydrogen collisions
10	Ferreira da Silva	F.	Radiation damage to solvated biomolecules
11	Fields	David	Scattering from Eugen: some concepts and ideas
12	Gengler	Régis	Thermally and optically induced charge transfer in Prussian Blue Analogues compounds.
13	Gölzhäuser	Armin	Fabrication of molecular films with extreme thermal stability by electron induced processes
14	Hagen	Cornelis	The dissociation cross-section of the Pt-precursor MeCpPtMe3.
15	Hecker Denschlag	Johannes	Producing an ultracold quantum gas of triplet molecules in the rovibrational ground state
16	Ibanescu	Bogdan Catalin	Electron driven chemistry in saturated oxygen containing compounds Dissociative electron attachment in alcohols and ethers: The relationship between Rydberg states and Feshbach resonances
17	Karras	Gabriel	H ₃ ⁺ ion ejection from molecular clusters under ps laser irradiation
18	Khrapak	Alexey	Negative ions in liquid helium
19	König-Lehmann	Constanze	Electron attachment to acetamide and some of its derivates

20	Kumar	S. V. K.	Fragmentation of Proteins by sub ionization energy electrons
21	Langer	Judith	Chemical intra and intermolecular reactions initiated by very slow electrons
22	Leyssner	Felix	Reversible changes in the vibrational structure of tetra-tert-butyl-imine (TBI) on a Au(111)-surface induced by light and thermal activation
23	Limao-Vieira	Paulo	Electronic excitation of halothane studied by VUV photoabsorption IR and UV characterization of DNA intercalated by methylene blue
24	Ling	Sanliang	Excess Electrons Bound to DNA Fragments: A Computational Study
25	Mamatkulov	Shavkat	Ab initio calculations of the dissociative electron attachment resonance energies for van der Waals clusters
26	Mauracher	A.	Negative ion formation and fragmentation upon free electron attachment to amino acids
27	Milosavljevic	Aleksandar	Electron interaction with biologically relevant molecules in gaseous phase
28	Nestmann	Bernd	Decay mechanism of NO into N and O
29	Niraghatam	Bhargava Ram	Dynamics of Dissociative Electron Attachment in Ammonia, Methane and Water using Velocity Map Imaging
30	O'hair	Richard A. J.	Radical cations of base paired nucleosides: Models of damage in DNA?
31	Raseev	Georges	Surface photoelectric effect at a flat gas-solid interface
32	Sebastianelli	Francesco	Following electron attachment to the CF ₂ molecule with quantum scattering calculations of resonant states
33	Snopok	Borys	Surface plasmons as tools for physical and chemical processing at the interface.
34	Swiderek	Petra	Electron-induced reactions of MeCpPtMe ₃ investigated by HREELS
35	Tereshchuk	Polina	An angular distributions of low-energy electron scattering from gas phase C60 fullerene P.
36	Vall-Llosera	Gemma	Radiation damage to genetic sugars: why nature chose DNA G.
37	Wang	Quan-Fang	Quantum numerical control for many body problems
38	Weitzel	Karl-Michael	Investigation of time resolved transport of alkali ions through ultra-thin polymer (PPX) membranes
39	Whiteside	Alexander	Electron-initiated proton transfer across a hydrogen bond
40	Zhu	Jiefang	Visible light-responsive photocatalysts induced by plasmon: noble metal (Ag, Pt, Pd)/TiO2 simultaneously synthesized in ethylene glycoly