Tuesday, 18th February 2020

8:15-9:15  Registration
9:15-9:30  Opening: Alicja Domaracka and Henning Zettergren

Chair: H. Zettergren

9:30-10:00  Steen B. Nielsen: Action and luminescence spectroscopy of biomolecular systems in the gas phase
10:00-10:30  Xavier Urbain: Electron transfer and molecular ion formation in cation-anion reactions

10:30-11:00  Coffee break

Chair: A. Domaracka

11:00-11:30  Christine Joblin: Large carbonaceous molecules in space: identification and photophysical processes
11:30-12:00  Alessandra Candian: The importance of H (and D) scrambling in astronomically relevant hydrocarbon species
12:00-12:30  Elisabetta Micelotta: Supernovae as "dust factories": grain composition, identifications, mechanism of formation
12:30-13:00  Amanda Steber: Surveying fragmentation to aggregation of polycyclic aromatic hydrocarbons in multiple radiation environments

13:00-14:30  Lunch

14:30-16:30  WG2 Kick off Meeting
  
  WG2 Leader Paola Bolognesi: Short introduction
  Lorenzo Avaldi: Results and challenges of photofragmentation of molecules of biological interest (30’)
  Aleksandar Milosavljević: VUV/X-ray photoelectron spectroscopy of nanocrystals for solar cells absorbers isolated in vacuo (30’)
  Daniela Ascenzi: Ion-molecule reactions of astrochemical and atmospheric interest (30’)

16:30-17:00  Coffee break

17:00-21:00  Poster session and cocktail
**Wednesday, 19th February 2020**

*Chair: M. Łabuda*

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>9:00-9:30</td>
<td>Janina Kopyra</td>
<td>Electron induced processes in biologically relevant molecules</td>
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<td>9:30-10:00</td>
<td>Charles Desfrançois</td>
<td>IRMPD spectroscopy and quantum chemistry calculations on metal-ligand cluster ions</td>
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<td>10:00-10:30</td>
<td>Einar Uggerud</td>
<td>Proton mobility in water clusters</td>
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<td>10:30-11:00</td>
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<td>Coffee break</td>
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*Chair: S. Tosic*

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<td>11:00-11:30</td>
<td>Jelena Tamuliene</td>
<td>Ionizing radiation influence on the fragmentation of glutamine and valine</td>
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<td>11:30-12:00</td>
<td>Béla Sulik</td>
<td>Ion-induced fragment emission from molecules: results, plans, new facilities</td>
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<td>12:00-12:30</td>
<td>Sylvain Maclot</td>
<td>Dissociation dynamics of the diamondoid adamantane upon photoionization by XUV femtosecond pulses</td>
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<td>12:30-13:00</td>
<td>Alicia Palacios</td>
<td>Attosecond electron-nuclear dynamics in photoionized molecules</td>
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<td>Lunch</td>
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<td>14:30-16:30</td>
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<td><strong>WG1 Kick off Meeting</strong></td>
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<td><strong>WG2 Leader Thomas Schlathölder:</strong></td>
<td>Short introduction</td>
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<td><strong>Holger Kreckel:</strong></td>
<td>Heavy ion storage rings: from magnetic to electrostatic and from room temperature to cryogenic (30’)</td>
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<td><strong>Oded Heber:</strong></td>
<td>Electrostatic Ion Beam Trap: A versatile tool for studying gas phase molecular dynamics (30’)</td>
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<td><strong>Eduardo Carrascosa:</strong></td>
<td>Unravelling isomer-specific shape and photochemistry of complex molecular ions (30’)</td>
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<td>16:30-17:00</td>
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<td>Coffee break</td>
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<td>17:00-18:30</td>
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<td>Management Committee Meeting / Poster session</td>
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Thursday, 20th February 2020

Young Scientific Forum

Chair: S. Indrajith

9:00-9:20 Jacopo Chiarinelli: Inter- and intra-molecular interactions in uracil clusters studied by XPS

9:20-9:40 Ewa Erdmann: Fragmentation dynamics of ionized highly excited furan molecules: a combined theoretical and experimental approach

9:40-10:00 Piero Ferrari: High radiative cooling rates of small clusters

10:00-10:20 Punnakayathil Najeeb: The stability of the smallest carbon cluster dianion: C_7^2

10:20-11:00 Coffee break

11:00-13:00 WG3 Kick off meeting

Manuel Alcami: Short introduction

Patrick Rousseau: Ion-collision induced reactivity in molecular clusters (30’)

Aurora Ponzi: Gas-phase molecules through the lens of time-resolved photoelectron spectroscopy (30’)

Jaroslav Kocisek: Interaction of low energy electrons with biomolecules and clusters of biomolecules (30’)

13:00-14:30 Lunch

Chair: L. Avaldi

14:30-15:00 Michael Gatchell: Highly charged helium nanodroplets

15:00-15:30 Nikola Skoro: Creation and destruction of chemical species in liquids treated by atmospheric pressure plasmas - from gas phase chemistry to bulk liquid

15:30-16:00 Matjaz Zitnik: Resonant Inelastic X-ray scattering of chloromethanes

16:00-16:30 Jelena Maljkovic: Elastic electron scattering on molecules in the gas phase in the middle energy range

16:30-17:30 Poster session/Laboratory visit

19:00-21:30 Conference diner – Café Mancel, le Château Ducal, Caen
Friday, 21st February 2020

Chair: T. Kirova

9:00-9:30 Elisabeth Gruber: Excited-state lifetime measurements of stored chromophore ions
9:30-10:00 Emilio Martínez-Núñez: Automated discovery of chemical reaction mechanisms
10:00-10:30 Ekaterina Iordanova: Laser induced fabrication of 3D nanoparticle structures by femtosecond laser radiation

10:30-11:00 Coffee break

Young Scientific Forum

Chair: M. Castrovilli

11:00-11:20 Bogdan Calin: Ultrafast laser fabrication of ion microtraps via multiphoton processing technologies
11:20-11:40 Chiara Nicolafrancesco: Energetic processing of biomolecular systems
11:40-12:00 Paula Pla: Stability and IR signatures of carbonaceous molecules
12:00-12:20 Dariusz Piekarski: MD study on reversible folding of tetrakistriazole catalysts and their binding with anionic substrates
12:20-13:00 Closing remarks

13:00-14:30 Lunch