

E Conference contributions

Invited talks

1. *Low Energy (0 - 12 eV) Electron Interaction with Gas Phase Building Blocks of DNA/RNA*
I. Bald, J. Kopyra, C. König, H. D. Flosadottir, O. Ingolfsson, E. Illenberger
XV. International Symposium on Electron-Molecule Collisions and Swarms, August 2007, Reading, England.
2. *Low Energy Electron Induced Reactions in Gas Phase Biomolecules: Implications for DNA Strand Breaks*
I. Bald, J. Kopyra, C. König, I. Dabkowska, E. Illenberger
Symposium on Radiation Effects of Biomedical Interest, February 2007, Madrid, Spain.
3. *DNA Damage by Low Energy Electrons: Dissociative Electron Attachment to Gas Phase Biomolecules*
I. Bald, J. Kopyra, C. König, I. Dabkowska, E. Illenberger
SAPP XVI (Symposium on Application of Plasma Physics), January 2007, Podbanske, Slovakia.

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4. *Dissociative electron attachment to building blocks of the DNA/RNA backbone*

I. Bald, J. Kopyra, C. König, I. Dabkowska, E. Antonsson, E. Illenberger
ESF research conference: Biomolecules - from gas phase properties to actions relevant for living cells, June 2006, Obergurgl, Austria.

Contributed presentations

1. *Negative Ion Formation and Metastable Decay in Ribose and Fructose*

I. Bald, H.D. Flosadottir, E. Illenberger, O. Ingolfsson
EIPAM07 (Electron induced processes at a molecular level), May 2007, Hveragerdi, Iceland.

2. *Fundamental Processes in Radiation Damage to DNA*

I. Bald, C. König-Lehmann, J. Kopyra, I. Dabkowska, E. Illenberger
Bunsentagung, May 2007, Graz, Austria.

3. *Elektroneninduzierte Reaktionen in biologisch relevanten Molekülen*

I. Bald, E. Illenberger
Doktorandenforum der Studienstiftung des deutschen Volkes, December 2006, Cologne, Germany.

4. *Dissociative Electron Attachment to Hexafluoroacetone Azine in the Gas Phase*

I. Bald, O. Ingolfsson, E. Illenberger
EIPAM06 (Electron induced processes at a molecular level), September 2006, Valletta, Malta.

5. *Electron Induced Reactions in Cyclic Sugar Molecules*

I. Bald, T. Skalicky, P. Sulzer, S. Ptasinska, P. Scheier, E. Illenberger
LEEMI IV (Low-Energy Electron Molecule Interaction) - Negative Ions:
Experiment and Theory, October 2005, Smolenice, Slovakia.

6. *Dissociative Electron Attachment to Gas Phase D-Ribose*

I. Bald, T. Skalicky, E. Illenberger
EPIC 2005 (Electron and positron induced chemistry), June 2005, Viterbo,
Italy.