

Appendix E

Conference contributions

1. *Low energy electron driven reactions in single formic acid molecules (HCOOH) and their homogeneous clusters*
I. Martin, M. Stano, T. Skalicky, J. Langer, H. Abdoul-Carime, G. Karwasz, S. Matejcik, E. Illenberger
EPIC (Electron and Positron Induced Chemistry) / EIPAM (Electron Induced Processes at the Molecular Level) Meeting 2005, San Martino al Cimino, Viterbo, Italy 25.06–30.06.2005 (talk)
2. *The influence of esterification on electron initiated reactions*
I. Martin, J. Langer, E. Illenberger
EIPAM (Electron Induced Processes at the Molecular Level) Meeting 2007, Hveragerdi, Iceland 25.–29.05.2007 (invited talk)
3. *Chemical reactions in fluorinated carboxylic acid esters induced by low energy electrons*
I. Martin, J. Langer, E. Illenberger
German-Russian Graduate Student Research School "Hydrogen Bonding and Proton Transfer", St. Petersburg, Russian Federation 01.–02.09.2007 (talk)
4. *Hydrogen abstraction in isolate DNA bases by sub-excitation electrons*
I. Martin, A. Rosa, S. Gohlke, M. Stano, H. Abdoul-Carime, E. Illenberger
Berichtskolloquium des Graduiertenkollegs GRK 788 "Wasserstoffbrücken

und Wasserstofftransfer“, Freie Universität Berlin, Germany 14.07.2004 (poster)

5. *Electron driven processes in molecules and van der Waals clusters of C₂F₅I*
J. Langer, I. Martin, S. Matejcik, E. Illenberger
SAPP XV: 15th Symposium on Applications of Plasma Processes and 3rd
EU-Japan Joint Symposium on Plasma Processing, Podbanske, Slovakia
15.01.–20.01.2005 (poster)
6. *Low energy electron driven reactions in single formic acid molecules (HCOOH)
and their homogeneous clusters*
I. Martin, M. Stano, T. Skalicky, J. Langer, H. Abdoul-Carime, G. Karwasz, S. Matejcik, E. Illenberger
EPIC (Electron and Positron Induced Chemistry) / EIPAM (Electron Induced Processes at the Molecular Level) Meeting 2005, San Martino al Cimino, Viterbo, Italy 25.06–30.06.2005 (poster)
7. Dissociative electron attachment and electron impact ionization of alpha-pinene, appearance energies
W. Barszczewska, S. Matejcik, J. Langer, I. Martin, E. Illenberger
EPIC (Electron and Positron Induced Chemistry) / EIPAM (Electron Induced Processes at the Molecular Level) Meeting 2005, San Martino al Cimino, Viterbo, Italy 25.06–30.06.2005 (poster)
8. *Low energy electron driven reactions in single formic acid molecules (HCOOH)
and their homogeneous clusters*
I. Martin, M. Stano, T. Skalicky, J. Langer, H. Abdoul-Carime, G. Karwasz, S. Matejcik, E. Illenberger
XVIth International Conference ”Horizons in Hydrogen Bond Research“ and Graduate School ”Hydrogen Bonding and Hydrogen Transfer“, Roskilde, Denmark 29.08.–04.09.2005 (poster)
9. *Chemical reactions induced by sub-excitation electrons in single trifluoroacetic acid (CF₃COOH) and their homogeneous clusters*
I. Martin, J. Langer, S. Gohlke, M. Stano, S. Matejcik, E. Illenberger

Negative Ions - Experiment and Theory, Castle Smolenice, Slovakia 06.10.–09.10.2005 (poster)

10. *Chemical modifications induced in films of condensed CF_3COOH by low-energy electron irradiation*
I. Martin, M. Bertin, A. Lafosse, E. Illenberger, R. Azria
EIPAM 06 Second Annual Meeting of ESF Programme on Electron Induced Processing at the Molecular Level, Valletta, Malta 16.09.–20.09.2006 (poster)
11. *The influence of esterification on the reactivity of trifluoroacetic acid with low energy electrons*
J. Langer, I. Martin, E. Illenberger
EIPAM 06 Second Annual Meeting of ESF Programme on Electron Induced Processing at the Molecular Level, Valletta, Malta 16.09.–20.09.2006 (poster)
12. *Chemical modifications induced in condensed binary mixture $CO_2:NH_3$ by low-energy electron irradiation*
A. Lafosse, M. Bertin, I. Martin, A. Domaracka, E. Illenberger, R. Azria
EIPAM 06 Second Annual Meeting of ESF Programme on Electron Induced Processing at the Molecular Level, Valletta, Malta 16.09.–20.09.2006 (poster)
13. *Low energy electron induced CO_2 -formation in nanofilms of CF_3COOH*
I. Martin, M. Orzol, J. Langer, M. Bertin, A. Lafosse, E. Illenberger, R. Azria
Graduiertenschule der Graduiertenkollegs GRK 788 Freie Universität Berlin, GRK 894/1 Martin-Luther-Universität Halle-Wittenberg und GRK 782 Georg-August-Universität Göttingen, Freyburg/Unstrut, Germany 08.10.–10.10.2006 (poster)
14. *Electron induced chemical reactions in trifluoroacetic acid*
I. Martin, J. Langer, G. Karwasz, M. Orzol, M. Bertin, A. Lafosse, R. Azria, E. Illenberger

SAPP XVI: 16th Symposium on Applications of Plasma Processes, Workshop on Research of Plasma Physics and Applications in Visegrad Countries 20.–25.01.2007 (poster)

15. *The formation of negative ions following 0–20 eV electron impact to gas phase and condensed CH_3CH_2OH and CF_3CH_2OH*

M. Orzol, I. Martin, J. Kocisek, I. Dabkowska, J. Langer, E. Illenberger
EIPAM (Electron Induced Processes at the Molecular Level) Meeting 2007, Hveragerdi, Iceland 25.–29.05.2007 (poster)

16. *Chemical reactions in fluorinated carboxylic acid esters induced by low energy electrons*

I. Martin, J. Langer, E. Illenberger

XVIIth International Conference "Horizons in Hydrogen Bond Research", St. Petersburg, Russian Federation 03.–08.09.2007 (poster)