

CURRICULUM VITAE

Personal Data:

Name: Sylwia Ptasińska

Date of Birth: 14.08.1977

Nationality: Polish

Present Address: Institute of Ion Physics
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Education:

1984-1992 Primary school, Lublin, Poland

1992-1996 High school, Lublin, Poland

1996-2001 Maria Curie-Skłodowska University, Lublin, Poland

26 June 2001 Master of Science (thesis in physics), diploma thesis: “ Mass spectrometry of gaseous clusters” (Prof. L. Michalak)

2001-2002 Maria Curie-Skłodowska University, Lublin, Poland
PhD student

2002-2004 Leopold-Franzens-University, Innsbruck, Institute of Ion Physics
PhD student

23 Nov. 2004 Doctor of Natural Sciences (thesis in physics), dissertation: “Low energy electron interactions with biomolecules” (Prof. T.D. Märk)

Employment:

September 2002 – „Physics Shows“ Maria Curie-Skłodowska University, Lublin, Poland

October 2002- December 2004 –Leopold-Franzens-University, Innsbruck, Institute of Ion Physics (research assistant, since 01.01.2003 EPIC project P7220-011-015)

January 2005- present Leopold-Franzens-University, Innsbruck, Institute of Ion Physics (research assistant, post-doc position, EPIC project P7220-011-015)

Scientific visits:

June 2002 - Technical University of Gdańsk, Poland (Prof. Cz. Szmytkowski)

7-18 June 2004- Institut für Physikalische und Theoretische Chemie Freie Universität Berlin, Germany (Prof. E. Illenberger) COST P9 STSM 00119

September 2004 – Department of Plasma Physics Comenius University Bratislava,

Slovakia (doc. S. Matejcik) Austria-Slovakia project 39s8
12-19 June 2005- Institute of Applied Radiation Chemistry, Technical University of Łódź,
Poland (dr M. Wolszczak) COST P9 STSM 1437
September 2005 – Department of Physics and Astronomy, University of Aarhus, Denmark
(Prof. Steen B. Nielsen) Skuo Grant

Achievement:

- Award of Polish Vacuum Society for the best master thesis: "Mass spectrometry of gaseous clusters", 2002.
- Award of Dr. Maria Schaumayer Foundation for the PhD thesis: "Low energy electron interactions with biomolecules" (Stiftungspreise und Förderpreise zur Unterstützung von Frauenkarrieren), 2005
- 3rd Poster Prize, 2nd Annual CMBI Meeting, Vill, Tyrol, 30 September-1 October, 2005

Publications:

2003:

1. **S. Ptasińska***, J. Dąbek, L. Michalak – *Formation of water dimers in expanding air flows*. Vacuum 70 (2-3) 2003, 403-409
2. **S. Ptasińska***, A. Bajuk, L. Michalak – *Influence of potassium chloride on the MALDI detection process*. Vacuum, 70 (2-3) 2003, 439-445
3. **S. Ptasińska**, L. Michalak, M. Smolira – *Some aspects of the stability of ion current in a matrix-assisted laser desorption/ionisation source*. Rapid Communication in Mass Spectrometry 17 (9) 2003, 917-923
4. S. Denifl, **S. Ptasińska**, M. Cingel, S. Matejcik, P. Scheier, T.D. Märk - *Electron attachment to the DNA bases thymine and cytosine*. Chem. Phys. Letters 377 (1-2) 2003, 74-80
5. **S. Ptasińska**, S. Denifl, A. Abedi, P. Scheier, T.D. Märk - *Dissociative electron attachment to gas-phase glycine*. Analytical and Bioanalytical Chemistry 377 (7-8) 2003, 1115-1119

2004:

6. S. Denifl, S. Matejcik, **S. Ptasińska**, B. Gstir, M. Probst, P. Scheier, E. Illenberger and T.D. Märk - *Electron attachment to chlorouracil: a comparison between 6-ClU and 5-ClU*. J. Chem. Phys. 120 (2) 2004, 704-709
7. S. Denifl, **S. Ptasińska**, P. Scheier and T.D. Märk - *Electron impact ionization of 5- and 6-chlorouracil: appearance energies*. Int. J. Mass Spectrom. 232 (2) 2004, 99-105
8. S. Denifl, **S. Ptasińska**, G. Hanel, B. Gstir, M. Probst, P. Scheier and T.D. Märk - *Electron attachment to gas-phase uracil*. J. Chem. Phys. 120 (14) 2004, 6557-6565
9. **S. Ptasińska**, S. Denifl, P. Scheier and T.D. Märk - *Inelastic electron interaction (attachment/ionization) with deoxyribose*. J. Chem. Phys. 120 (18) 2004, 8505-8511

and

Virtual Journal of Biological Physics Research 7 (9) 2004

10. S. Denifl, **S. Ptasińska**, M. Probst, J. Hrusak, P. Scheier and T.D. Märk - *Electron attachment to the gas phase DNA bases cytosine and thymine*. J. Phys. Chem. A 108 (31) 2004, 6562-6569

2005:

11. **S. Ptasińska**, P. Limão-Vieira, S. Denifl, P. Scheier and T. D. Märk - *Electron attachment to monomeric and dimeric forms of glycolaldehyde*. Chem. Phys. Lett. 401 (1-3) 2005, 227-231
12. **S. Ptasińska**, S. Denifl, P. Candori, S. Matejcik, P. Scheier and T. D. Märk - *Dissociative electron attachment to gas phase alanine*. Chem. Phys. Lett. 403 (1-3) 2005, 107-112
13. **S. Ptasińska**, S. Denifl, V. Grill, T. D. Märk, P. Scheier, S. Gohlke, M. A. Huels and E. Illenberger – *Bond-selective H- abstraction from thymine*. Angew. Chem. Int. Ed. 44 (11) 2005, 1647 – 1650
14. **S. Ptasińska**, S. Denifl, P. Scheier and T. D. Märk - *Electron impact ionization of glycolaldehyde*. Int. J. Mass Spectr. 243, 2005, 171-176
15. A. Smolira, **S. Ptasińska**, M. Smolira and L. Michalak - *Matrix-assisted laser desorption/ionization detection of hemoglobin from long-stored samples of human blood*. Vacuum 78, 2005, 655-660
16. **S. Ptasińska**, P. Candori, S. Denifl, S. Yoon, V. Grill, P. Scheier and T. D. Märk – *Dissociative ionization of the nucleosides thymine and uridine by electron impact*. Chem. Phys. Lett. 409, 2005, 270-276
17. **S. Ptasińska**, S. Denifl, V. Grill, T. D. Märk, E. Illenberger and P. Scheier - *Bond- and site-selective loss of H from pyrimidine bases* - Phys. Rev. Lett. 95, 2005, 093201

and

Virtual Journal of Biological Physics Research 10 (5) 2005

18. S. Denifl, P. Candori, **S. Ptasińska**, P. Limão-Vieira, V. Grill, T. D. Märk and P. Scheier - *Positive and negative ion formation via slow electron collisions with 5-bromouridine*. Eur. Phys. J. D 35 (2), 2005, 391
19. S. Denifl, **S. Ptasińska**, B. Sonnweber, P. Scheier, D. Liu, F. Hagelberg, J. Mack, L. T. Scott and T. D. Märk, *Free-electron attachment to coronene and corannulene in the gas phase*. J. Chem. Phys. 123, 2005, 104308
20. **S. Ptasińska**, S. Denifl, B. Mróz, M. Probst, V. Grill, E. Illenberger, P. Scheier, and T. D. Märk - *Bond selective dissociative electron attachment to thymine*. J. Chem. Phys. 123, 2005, 124302
21. **S. Ptasińska**, S. Denifl, P. Scheier, T. D. Märk and E. Illenberger, *Bond and site selective loss of H from gas phase nucleobases by very low energy electrons (< 3 eV)*. Angew. Chem. Int. Ed. (in print) 2005

Others publications:

22. J. Dąbek, **S. Ptasinska**, L. Michalak- *The effect of carrier gas on formation of ammonia clusters*. Sectio AAA Physica vol. LVII, 2002, 6
23. **S. Ptasinska** – *Spektrometria mas klasterów gazowych*. VI National Vacuum Conference, Korbiewów, Polska 2002, Prace Naukowe Politechniki Warszawskiej, Elektronika, 143 (2002) p. 65
24. S. Denifl, **S. Ptasinska**, G. Hanel, B. Gstir, P. Scheier, M. Probst, B. Farizon, M. Farizon, S. Matejcek, E. Illenberger, T.D. Märk - *Electron attachment to uracil, thymine and cytosine*, Physica Scripta T 110 2004, 252-255
25. P. Scheier, **S. Ptasinska**, S. Denifl, P. Candori, M. Probst and T.D. Märk - *Inelastic interaction of low energy electrons with biologically relevant molecules*. 22nd Summer School and International Symposium on the Physics of Ionized Gases 2004: 2, L. Hadzievski (ed.), Vinca Inst. of Nuclear Sci, Belgrade, Serbia.

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Lectures:

1. S. Ptasinska – *Mass spectrometry of gaseous clusters* . VI National Vacuum Conference, Korbiewów, Polska 2002.
2. S. Ptasinska – *Mass spectrometry of gaseous clusters*. (seminar lecture) Technical University of Gdańsk, Poland 2002.
3. S. Ptasinska – *MALDI method for biomolecules*. (seminar lecture) Technical University of Gdańsk, Poland 2002.
4. S. Ptasinska, S. Denifl, A. Abedi, P. Scheier, T.D. Märk – *Dissociative electron attachment to glycine by low energy electron impact*. EPIC Network Meeting, Pruhonice near Prague, Czech Republic 2003
5. S. Ptasinska, S. Denifl, A. Abedi, P. Scheier, T.D. Märk – *Electron attachment to biological relevant molecules*. 53. ÖPG-Jahrestagung, Salzburg, Austria 2003
6. S. Ptasinska - *Radiation damage of biomolecules*. Schwerpunktseminar Ionen- Plasmaphysik, Leopold-Franzens-University, Innsbruck, Austria 2004 (seminar lecture)
7. S. Ptasinska – *Site selective electron attachment to the partially deuterated thymine*. EPIC Network Meeting, Obergurgl, Austria 2004
8. S. Ptasinska, S. Denifl, S. Feil, M. Winkler, P. Scheier and T. D. Märk - *Low energy electron interactions with porphine derivatives*. RADAM Conference 2005, Potsdam, Germany (invited lecture)
9. S. Ptasinska, S. Denifl, M. Stano, P. Sulzer, F. Zappa, A. Stamatovic, O. Echt, P. Scheier and T. D. Märk - *Free electron attachment to higher order and endohedra fullerenes*. EPIC 2005/EIPAM, 25-30 June 2005, San Martino al Cimino, Viterbo, Italy
10. S. Ptasinska - *Bond- and site-selective dissociative electron attachment to pyrimidine bases*. Atomic, Molecular and Optical Physics Seminars, University of Aarhus, Denmark (seminar lecture)

11. S. Ptasińska, P. Sulzer, F. Rondino, V. Grill, P. Scheier and T. D. Märk – *Explosives detection by low energy electrons*. LEEMI IV, 6-9 October 2005, Smolenice, Slovakia (invited lecture)

Conference Contributions:

2002:

1. **S. Ptasińska**, J. Dąbek, L. Michalak - *Some aspects of formation of ammonia microclusters*. IV International Symposium Ion Implantation and other Application of ions and electrons, Kazimierz Dolny, Poland, June 10-13, 2002
2. **S. Ptasińska**, J. Dąbek, L. Michalak – *Formation of water dimers in expanding air flows*. IV International Symposium Ion Implantation and other Application of ions and electrons, Kazimierz Dolny, Poland, June 10-13, 2002
3. **S. Ptasińska**, A. Bajuk, L. Michalak – *Influence of potassium chloride on the MALDI detection process*. IV International Symposium Ion Implantation and other Application of ions and electrons, Kazimierz Dolny, Poland, June 10-13 2002

2003:

4. S. Denifl, S. Matejcik, **S. Ptasińska**, G. Hanel, B. Gstir, A. Stamatovic, P. Scheier, T.D. Märk – *Electron attachment and electron impact ionization of biomolecules*. Deutsche Gesellschaft für Massenspektrometrie-meeting (DGMS 2003), Munich, Germany, 07-10.March 2003
5. S. Denifl, G. Hanel, B. Gstir, **S. Ptasińska**, P. Scheier, M. Probst, B. Farizon, M. Farizon, S. Matejcik, E. Illenberg, T.D. Märk – *Site selective electron attachment to RNA and DNA bases*. XXIII International Conference on Photonic, Electronic, and Atomic Collisions (XXII ICPEAC), Stockholm, Sweden, 23 - 29 July, 2003
6. E.T.M. Selim, L. Michalak, **S. Ptasińska** – *Study of manganese chloride and its reactivity in the negative ion mode using laser desorption/ionization (LDI) TOF-mass spectrometer*. 16th International Mass Spectrometry Conference (IMSC-16), Edinburgh, 31 August – 5 September, 2003
7. **S. Ptasińska**, S. Denifl, A. Abedi, P. Scheier, T.D. Märk - *Dissociative electron attachment to glycine by low energy electron impact*. 13th International Symposium on Electron-Molecule Collisions and Swarms July (EMS 2003 Prague), Pruhonice near Prague, Czech Republic, 30 July – 2 August, 2003
8. S. Denifl, G. Hanel, **S. Ptasińska**, B. Gstir, S. Matejcik, A. Stamatovic, P. Scheier, T.D. Märk -*Electron impact and attachment studies of biomolecules*. 13th International Symposium on Electron-Molecule Collisions and Swarms (EMS 2003 Prague), Pruhonice near Prague, Czech Republic, 30 July – 2 August 2003
9. **S. Ptasińska**, S. Denifl, A. Abedi, P. Scheier, T.D. Märk - *Electron attachment to biological relevant molecules*. 53.ÖPG-Jahrestagung, Salzburg, Austria, 1-2 October, 2003
10. S. Denifl, **S. Ptasińska**, G. Hanel, M. Probst, P. Scheier, T.D. Märk – *Radiation damage in molecules of biological relevance*. Austrian- Hungarian workshop on

charged-particle transport through nanostructures an solids; Debrecen, Hungary, 14-16 November, 2003

2004:

11. **S. Ptasińska**, S. Denifl, P. Candori, P. Limão-Vieira, P. Scheier and T.D. Märk – *Inelastic electron interaction (attachment/ionization) with sugar molecules and amino acids* V -th International Conference Ion Implantation and Other Applications of Ions and Electrons, Kazimierz Dolny, Poland, June 14-17, 2004 (ION 2004)
12. **S. Ptasińska**, P. Candori, S. Denifl, S. Yoon, P. Scheier and T.D. Märk – *Electron interactions with nucleosides of DNA and RNA: thymidine and uridine*. RADAM Conference „Radiation Damage in Biomolecular System“, Lyon, France, 24-27 June, 2004
13. P. Scheier, **S. Ptasińska**, S. Denifl, P. Candori, M. Probst and T.D. Märk – *Inelastic interaction of low energy electrons with biologicalz relevant molecules*. RADAM Conference „Radiation Damage in Biomolecular System“, Lyon, France, 24-27 June, 2004
14. P. Scheier, S. Denifl, **S. Ptasińska**, M. Probst, S. Yoon and T.D. Märk - *Dissociative electron attachment to biologically relevant molecule*. 8th European Conference on Atomic and Molecular Physics, Rennes, France, 6-10 July 2004 (ECAMP8)
15. **S. Ptasińska**, S.P. Denifl, P. Limão-Vieira, P. Scheier and T.D. Märk - *Damage of DNA sugar and its moiety by electron impact*. 8th European Conference on Atomic and Molecular Physics, Rennes, France, 6-10 July, 2004 (ECAMP8)
16. P. Scheier, **S. Ptasińska**, S. Denifl, P. Candori, M. Probst and T.D. Märk – *Inelastic interaction of low energy electrons with biologically relevant molecules*. International Symposium on the Physics of Ionized Gases, SPIG, National Park Tara, Serbia and Montenegro, 23-27 August, 2004
17. **S. Ptasińska**, S. Denifl, M. Probst, P. Scheier and T.D. Märk- *Interaction of low energy electrons (attachment/ionization) with molecules of biological relevance*. 332th Wilhelm and Else Heraeus Seminar Processes Driven by Low Energy Electron-Molecule Interactions, LEEMI Bad Honnef, Germany, 1-4 September, 2004
18. **S Ptasińska**, P. Candori, S. Denifl, S. Yoon, P. Scheier and T. D. Märk – *Radiation damage of nucleosides by low energy electrons*. 332th Wilhelm and Else Heraeus Seminar Processes Driven by Low Energy Electron-Molecule Interactions, LEEMI Bad Honnef, Germany, 1-4 September, 2004
19. S. Denifl, **S. Ptasińska**, M. Stano, F. Martinez, P. Scheier and T.D. Märk - *High resolution electron ionization study of helium-clusters*. 332th Wilhelm and Else Heraeus Seminar Processes Driven by Low Energy Electron-Molecule Interactions, LEEMI Bad Honnef, Germany, 1-4 September, 2004
20. S. Denifl, **S. Ptasińska**, M. Probst, P. Scheier and T.D. Märk- *Low energy electron interaction with biomolecules*. International Conference on Dynamics of Molecular System, MOLEC XV, Nunspeet, the Netherlands, 5-10 September, 2004
21. **S. Ptasińska**, S. Denifl, P. Candori, P. Limao-Vieira, P. Scheier, T.D. Märk- *Damage of sugar molecules by electron impact*. 1st Annual CMBI Meeting, Vill, Tyrol, 1-2 October, 2004

22. S. Denifl, **S. Ptasinska**, P. Candori, S. Yoon, P. Scheier, T.D. Märk- *Electron interactions with nucleosides: thymidine and uridine* 1st Annual CMBI Meeting, Vill, Tyrol, 1-2 October, 2004

2005:

23. L. Zajickova, **S. Ptasinska**, M. Cingel, S. Matejcik - *Study of electron impact ionization and electron attachment to HMDSO* – The 15th Symposium on Applications of Plasma Processes (SAPP XV) and Third EU-Japan Joint Symposium on Plasma Processing, Podbanske, Slovakia, 15-20 January, 2005
24. P. Scheier, **S. Ptasinska**, S. Denifl, P. Candori, W. Schustereder, V.G. Hasan, P. Cicman, S. Feil, B. Coupier, J. Fedor, S. Matejcik, E. Illenberger, T.D. Märk - *Dissociative Electron Attachment to Biologically Relevant Molecules* - The 15th Symposium on Applications of Plasma Processes (SAPP XV) and Third EU-Japan Joint Symposium on Plasma Processing, Podbanske, Slovakia, 15-20 January, 2005
25. K. Gluch, S. Matt-Leubner, S. Feil, O. Echt, S. Denifl, **S. Ptasinska**, B. Concina, P. Scheier, and T.D. Märk - *High Resolution Measurements of Fullerenes and Endohedrals*. Symposium on Size Selected Clusters 2005, Brand, Austria, 28 February–3 March, 2005
26. S. Denifl, **S. Ptasinska**, F. Martinez, K. Gluch, S. Feil, P. Scheier, T. D. Märk – *High resolution electron ionization study of helium-clusters*. Symposium on Size Selected Clusters 2005, Brand, Austria, 28 February–3 March, 2005
27. M. Probst, B. Mroz, S. Denifl, **S. Ptasinska**, G. Hanel, B. Gstir, P. Scheier, B. Farizon, M. Farizon, S. Matejcik, E. Illenberger, T. D. Märk, - *Bond dissociation energies of Nucleic acids*. 7th Congress of the World Association of Theoretically Oriented Chemists, 16–21 January 2005, Cape Town, South Africa WATOC 2005
27. **S. Ptasinska**, S. Denifl, E. Illenberger, T.D. Märk and P. Scheier - *The use of isotope and site labeling for the identification of DEA peaks in biomolecule*. RADAM Conference 2005, Potsdam, Germany, 17-20 March, 2005
28. P. Scheier, **S. Ptasinska**, S. Denifl, J. Fedor, S. Feil, B. Coupier, M. Winkler, M. Probst and T.D. Märk - *Low energy electron interactions with biologically relevant molecules*. Electron Induced Processing at the Molecular Level (EIPAM 1), 19-20 April 2005, Milton Keynes, UK
29. **S. Ptasinska**, S. Denifl, B. Mróz, A. Wisthaler, V. Grill, M. Probst, E. Illenberger, T. D. Märk and P. Scheier – *Site selective hydrogen abstraction from thymine*. International Conference of Photonic, Electronic and Atomic Collisions (XXIV ICPEAC), July 20 – 26 , 2005, Rosario, Argentina
30. **S. Ptasinska**, S. Denifl, V. Grill, E. Illenberger, P. Scheier and T. D. Märk- *Radiation damage in biomolecular systems by low energy electrons*. European Young Investigator Conference (EYIC), June 7-12, 2005, Gniezno, Poland
31. P. Sulzer, M. Stano, S. Feil, M. Winkler, **S. Ptasinska**, V. Grill, F. Zappa, T. D. Märk and P. Scheier. *Inelastic interaction of free electrons with gas phase porphyrins* EPIC 2005/EIPAM, 25-30 June 2005, San Martino al Cimino, Viterbo, Italy
32. **S. Ptasinska**, S. Denifl, M. Stano, P. Sulzer, F. Zappa, A. Stamatovic, O. Echt, P. Scheier and T. D. Märk - *Free electron attachment to higher order and endohedral*

- fullerenes*. EPIC 2005/EIPAM, 25-30 June 2005, San Martino al Cimino, Viterbo, Italy
33. F. Zappa, P. Sulzer, B. Mielewska, A. Milosavljevic, **S. Ptasinska**, S. Denifl, P. Scheier and T.D. Märk - *Inelastic electron interaction with sugar molecules*. EPIC 2005/EIPAM, 25-30 June 2005, San Martino al Cimino, Viterbo, Italy
 34. P. Sulzer, M. Stano, S. Feil, M. Winkler, **S. Ptasinska**, V. Grill, F. Zappa, B. Kräutler, T. D. Märk and P. Scheier - *Wechselwirkung von freien Elektronen mit Porphyrinen* – 55.ÖPG-Jahrestagung, Vienna, Austria, September, 2005
 35. M. Winkler, F. Rondino, S. Feil, F. Zappa, S. Denifl, T. Schlthölder, **S. Ptasinska**, A. Stamatovic, V. Grill, T.D. Märk and P. Scheier- *Ultrakalte Uracilcluster*, 55.ÖPG-Jahrestagung, Vienna, Austria, September, 2005
 36. M. Beikircher, **S. Ptasinska**, S. Feil, M. Winkler, A. Bacher, W. Schustereder, O. Echt, T.D.Märk and P. Scheier - *Unimolekularer Zerfall von Uracil und Thymin*, 55.ÖPG-Jahrestagung, Vienna, Austria, September, 2005
 37. **S. Ptasinska**, S. Denifl, B. Mroz, M. Probst, E. Illenberger, T.D. Märk and P. Scheier - *The use of isotope and site labeling for the identification of DEA peaks in biomolecule*. International Symposium on Electron-Molecule Collisions and Swarms, 27-30 July 2005 Campinas, SP, Brazil 2005
 38. **S. Ptasinska**, S. Denifl, V. Grill, F. Rondino, F. Zappa, E. Illenberger, T. D Märk and P. Scheier - *Isotope and site labeling for the identification of resonances in dissociative electron attachment to biomolecules*. 52nd Annual Meeting of the Radiation Research Society, 16-19 October, 2005, Denver, Colorado
 39. V. Grill, S. Denifl, **S. Ptasinska**, B. Mróz, M. Probst, T.D. Märk, P. Scheier - *Isotope and site labeling for the identification of DEA peaks in biomolecules*. 2nd Annual CMBI Meeting, Vill, Tyrol, 30 September-1 October, 2005
 40. M. Beikircher, **S. Ptasinska**, S. Feil, M. Winkler, A. Bacher, W. Schustereder, O.Echt, T.D. Märk, P. Scheier – *Stability of uracil and thymine cations*. 2nd Annual CMBI Meeting, Vill, Tyrol, 30 September-1 October, 2005
 41. P. Sulzer, M. Stano, S. Feil, M. Winkler, **S. Ptasinska**, V. Grill, F. Zappa, B. Kräutler, T.D. Märk, P. Scheier - *Inelastic interaction of free electrons with gas phase Porphyrins*. 2nd Annual CMBI Meeting, Vill, Tyrol, 30 September-1 October, 2005
 42. **S. Ptasinska**, S. Denifl, B. Mróz, M. Probst, V. Grill, T. D. Märk and P. Scheier - *Bond selective hydrogen abstraction from thymine*. 2nd Annual CMBI Meeting, Vill, Tyrol, 30 September-1 October, 2005
 43. **S. Ptasinska**, S. Denifl, V. Grill, F. Zappa, M. Probst, P. Scheier and T. D. Märk – *Low energy electron with complex molecules*. LEEMI IV, 6-9 October 2005, Smolenice, Slovakia
 44. I. Bald, T. Skalický, P. Sulzer, **S. Ptasinska**, P. Scheier and E. Illenberger – *Electron induced reaction in cyclic sugar molecules*. LEEMI IV, 6-9 October 2005, Smolenice, Slovakia