O.Univ.-Prof. Dr. Günter Grampp

Date of birth: 13-11-1947 in Nürnberg, Germany

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Education

1969 – 1977	Study of Chemistry and Physics at the University of Erlangen, Germany
1977	Graduation to Diplomchemiker (Dipl.-Chem.)
1977 – 1981	Research Assistant at the Institute of Physical Chemistry
	Preparation of doctoral thesis. Supervisor: Prof. Dr. W. Jaenicke
1981	PhD-Thesis examination (summa cum laude): Dr.rer.nat
1981 – 1987	Associate Assistant (Akademischer Rat, Oberrat)
	Group leader of ESR- and Electron-Transfer Group. Preparation of Habilitation.
	Supervisor of doctoral students
1987	Habilitation: Dr.rer.nat.habil. Venia legendi for Physical Chemistry Qualification to lecture in Physical Chemistry issued by the Bavarian Ministery of Culture, Art and Science, Munich (Germany)
1987 – 1992	Docent of Physical Chemistry (C2) University of Erlangen
1988	Visiting Professor at the Dept. of Chemistry,University of Madison, WI, USA.

1990 Research Visitor, Physical Chemistry Laboratory, Oxford University, UK.

1992 Associate Professor (C3) University of Erlangen/Germany

1994 Full Professor and Head of Department of Physical Chemistry (o.Univ.-Prof.) at the Graz University of Technology/Austria. Since 2013: Vice-Head of the Institute of Physical and Theoretical Chemistry.

Functions

1988 – 1992 Faculty member of the Faculty of Science II, University of Erlangen.

1985 – 1987 Member of the Senate of the University of Erlangen.

1985 – 1989 Member of the Environmental Council of the City of Nürnberg/Germany

1987-1990 Visiting Associate Professor at the Instituto Superior Technico Lisbon/Portugal.

1989 Visiting Associate Professor at Uludag University Bursa/Turkey.

1990 Visiting Associate Professor at University ofSevilla/Spain.

1990 Visiting Associate Professor and Visiting Professor at the Quaid-i-Azam University Islamabad/Pakistan.

1991 Visiting Associate Professor at the University of Oxford/UK.

1996 – till now: Faculty member at the Faculty ofScience, Graz University of Technology.

Memberships and Functions

• American Chemical Society

• German Chemical Society (GDCh)

• Member of the Committee of German Bunsen-Society of Physical Chemistry

• International ESR-Society (IERC), Urbana, IL, USA

• German University Teachers Association, Bonn/Germany

• Chairman of the “Austrian EPR-Group”

• Member of the Committee of the Austrian-HungarianCommission of the Ministry of Federal

Ministry for Education, Science and Culture

• Advisory Board: Monatshefte für Chemie/Chemical Monthly

• Advisory Board: Acta Chimica Slovenia

• CEEPUS-Network Coordinator (1994 – 2000)

• 2005-2009 Expert for chemistry for the Austrian National Science Foundation (FWF)

• Member of the Scientific Committee of the International Conference:“Spin Chemistry”.

• 2005- 2010 Vice-President of the Austrian Chemical Society (GÖCH)

Since 2004: Cooperations with various Universitiesin Asia within the framework of the ASEA-UNINET Network. Numerous visits at different Asian Universities.

Asea-Uninet Network Coordinator for Physical Chemistry

• Since 2005 Vice-President of the Austrian Chemical Society.

• 2010: Distinction award from the Republic of Hungary for bilateral research co-operation.

International Conferences organized

• 42th International Bunsen-Symposium of the German Bunsen-Society of Physical Chemistry in Erlangen/Germany from 26.-28 September 1990

• Member of the International Scientific Committee of the Electron Transfer Satellite Conference, Sophia Antipolis-Nice/France 1991.

• Member of the Scientific Committee of the “Fast Reactions in Solution" (FRIS)-Discussion Group of the Royal Society of Chemistry, London, UK.

• Local Organizer of Annual Meeting FRIS 96 of the Royal Society of Chemistry in Graz 1996

• Member of Scientific Committee of the “Diffusion Assisted Reactions” (DAR-00) Conference in Volgograd (Russia), 2000.

• Member of Scientific Committee of the “Diffusion Assisted Reactions” (DAR-02) Conference in Seoul (Korea), 2002.

• Local Organizer of “Diffusion Assisted Reactions”(DAR-04) in Graz at the Graz University of

Technology in 2004.

• Chairman of the Scientific Committee of the “Austrian Chemietage”, Austrian Chemical Society, Klagenfurt, 2007.

• Local Organizer of the 106th Bunsen meeting of the German Bunsen-Society of Physical Chemistry in Graz, 2007.

• Local Organizer of the “Spin Chemistry Meeting:SCM-2013” in Bad Hofgastein/Austria, 2013.

Peer-reviewed articles in scientific journals

Prof. Dr. Günter Grampp (2005 – 2015)

2015

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1. Influence of the medium´s viscosity on the kinetics of hydrogen atom self-exchange for N-hydroxy phtalimide/ piperidine-N-oxyl (NHPI/PINO) measured by CW-ESR spectroscopy

Josua Bächle · Günter Grampp · Freskida Goni ·

Physical Chemistry Chemical Physics 10/2015; 17(40)

2. Influence of Pressure on Intramolecular Dynamics in a Long-Chain Flexible Nitroxide Biradical

Boryana Mladenova-Kattnig · Guenter Grampp · Alexander I. Kokorin ·

Applied Magnetic Resonance 09/2015; 46(12)

3. Novel 1- and 9-aminoanthracene/3-aminobenzanthrone bichromophores exhibiting through-bond excitation energy transfer

Numan Almonasy · Hana Přichystalová · Miloš Nepraš · Filip Bureš · Martin Michl · Jiři Čermák · Günter Grampp ·

Dyes and Pigments 07/2015; 118

4. Investigations of the Degenerate Intramolecular Charge Exchange in Symmetric Organic Mixed Valence Compounds: Solvent Dynamics of Bis(triarylamine)paracyclophane Redox Systems

Boryana Mladenova · Daniel R. Kattnig · Conrad Kaiser · Julian Schäfer · Christoph Lambert · Günter Grampp ·

The Journal of Physical Chemistry C 04/2015; 119(16)

5. Electron Spin Relaxation of C 60 Monoanion in Liquid Solution: Applicability of Kivelson–Orbach Mechanism

Krishnendu Kundu · Daniel R Kattnig · Boryana Mladenova · Günter Grampp · Ranjan Das ·

The Journal of Physical Chemistry A 03/2015; 119(13)

6. Electron Spin–Lattice Relaxation Mechanisms of Nitroxyl Radicals in Ionic Liquids and Conventional Organic Liquids: Temperature Dependence of a Thermally Activated Process

Krishnendu Kundu · Daniel R Kattnig · Boryana Y Mladenova · Günter Grampp · Ranjan Das ·

The Journal of Physical Chemistry B 03/2015; 119(12)

7. ChemInform Abstract: Visible Light Mediated Cyclization of Tertiary Anilines with Maleimides Using Nickel(II) Oxide Surface-Modified Titanium Dioxide Catalyst

Jian Tang · Günter Grampp · Yun Liu · Bing-Xiang Wang · Fei-Fei Tao · Li-Jun Wang · Xue-Zheng Liang · Hui-Quan Xiao · Yong-Miao Shen ·

The Journal of Organic Chemistry 02/2015; 46(29).

8. ESR studies on the pressure and temperature dependence of electron self-exchange kinetics between tetrathiafulvalene (TTF) and its radical cation in ionic liquids and organic solvents

B. Sudy · K. Rasmussen · G. Grampp ·

Molecular Physics 01/2015; 113(11):1-8.

9. Electron self-exchange rates of the π-radical cation of ZnTPP in organic solvents determined by EPR spectroscopy

Josua Bächle · Boryana Mladenova · Günter Grampp ·

Chemical Physics Letters 01/2015; 620.

10. 3EPR spectroscopy in room temperature ionic liquids

G. Grampp · D.R. Kattnig · B. Mladenova · K. Rasmussen ·

Electron Paramagnetic Resonance 01/2015; 24:77-101.

2014

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1. “Effect of Amino Group Charge on the Photooxidation Kinetics of Aromatic Amino Acids”,

N. N. Saprygina, O. B. Morozova, G. Grampp and A. V. Yurkovskaya,
J. Phys. Chem.A,118, 339-349 (2014).

2. “Effect of solvent polarity and temperature on the spectral and thermodynamic properties of exciplexes of 1-cyanonaphthalene withhexamethylbenzene in organic solvents”,
J. Luminenescene, 153, 12-20 (2014).

3. “Spectral and thermodynamic properties for theexciplexes of N-alkylcarbazoles with dicyanobenzenes in THF”, Spectrochim. Acta A, 118, 138-145 (2014).

4. “EPR Spectroscopy of Mercury-Organic Compounds with Nitroxide Radicals”,
A. I. Kokorin, S. landgrave, AS. B. Shapiro and G. Grampp,
Appl. Magn. Reson. 45, 125-133 (2014).

5. “A mechanistic study of photoinduced electron transfer from triplet erythrosin to various quinones using time-resolved absorption and ESR-CIDEP measurements”,
A.Mansha, S. Asim, G. Grampp, M. Zahid and S. Landgraf,
Z. Phys. Chem., 228, 301-324 (2014).

6. “EPR-Spectroscopy in Room Temperature IonicLiquids”,
G. Grampp, D. R. Kattnig, B. Mladenova and K. Rasmussen,
Specialist Periodical Report: EPR Spectrsocopy, RSC, London, (2014) in press.

2013

1. “Time-resolved magentic Field Effects distinguish Loose Ion pairs from Exciplexes”, S. Richert, A. Rosspeintner, S. Landgraf, G. Grampp, E. Vauthey, D. R. Kattnig,
J. Am. Chem. Soc. 135, 15144-15152 (2013).

2. “Kinetics of the oxidation of thymine and thymidineby triplet 2,2’-dipyridyl in aqueous solutions at differnet pH-values”, T. X. Ngyuen, G. Grampp, A. V. Yurkovskaya and N. Lukzen, J. Phys. Chem.A.117,7655-760 (2013).

3. “Absorption and fluorescence emission attributes of a fluorescent dye: 2,3,5,6-tetracyano-p-hydroquinione”, M. Zahid, G. Grampp, A. Mansha, I. A. Bhatti, and S. Asim, J. Fluorescence23,829-837 (2013).

4. “High pressure EPR-spectroscopy: paramagnetic exchange of organic radicals with iron(III)acetylacetonate”, T. Hussain, K. Rasmussen, A. I. Kokorin and G. Grampp,
Mol. Phys. 111, 2717-2722 (2013).

5. “Cyclic Voltammetric Study of Heterogeneous Electron Transfer Rate Constants of Various Organic Compounds in Ionic Liquids: Measurements at Room Temperature”,
N. Siraj, G. Grampp, S. Landgraf and K. Punyain, Z. Phys. Chem.207,105-119, (2013).

6.. “Behavior of Nitroxide Biradicals withAcetylene Bridges in Organic Solvents and Ionic Liquids”, A.I.Kokorin, E.N.Golubeva, B.Y.Mladenova, V.A.Tran, T.Kalai, K.Hideg and G.Grampp, Appl. Magn. Reson. 44, 1041-1051 (2013).

7. “Solvation Dynamics of a Radical Ion Pair in Microheterogeneous Binary Solvents: A Semi-Quantitative Study Utilizing MARY line.broadening Experiments”.
K. Pal, D. R. Kattnig, G. Grampp, Chem.Phys.Chem. 14, 3389-3399 (2013).

8. “Photoinduced regioselcetive arylation of N-vinyllactams and methylthiazoles by tetrachlorophthalimides”, Y.-M. Shen, G. Grampp, F.-F. Tao, N.-D. He, D.-Q. Chen and M. Ye, J. Photochem. Photobio. A: 271, 85-92 (2013).

2012

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1. “High Pressure ESR Studies of Electron Self-Exchange Reactions of Organic Radicals in Solution”, J. Phys. Chem. A, 116,193-198 (2012)
K. Rasmussen, T. Hussain, S. Landgrafand G. Grampp

2. “Ground and excited state dynamics of new dinuclearruthenium complexes: NMR, UV-Vis, IR, electrochemical, photophysical characterization, and theoretical study of Ru(bpy)2(μ-dpp)Ru(CN-X)4n+complexes”
M. Kovacs, G. Szalontai, G. Lendvay, G. Grampp and A. Horvarth,
Inorg. Chim.Acta (2012) 387, 261-270.

3. “Experimental observation of preferential solvation on a radical ion pair using MARY-spectroscopy”, Phys.Chem.Chem.Phys., (2012) 14,3155-3161
K. Pal, D. R. Kattnig, G. Grampp and S. Landgraf

4. “Rotational and Translational Diffusion of Spin Probes in Room Temperature Ionic Liquids”, J. Phys. Chem. B, (2012) 116,12295-12305.
B. Y. Mladenova, N. A. Chumakova, V. I. Pergushov, A. I. Kokorin, G. Grampp, R.Kattnig.

5. Kinetics of Photoinduced Electron Transfer between DNA Bases and Triplet 3,3’,4,4’-Benzopehnone Tetracarboxylic Acid in Aqueous Solution pf Different pH’s: Proton-Coupled Electron Transfer?”,
T. X. Nguyen, D. Kattnig. A. Mansha, G. Grampp, A. V. Yurkuvskaya and N. Lukzen, J. Phys. Chem. A, (2012), 116, 10668-10675.

6. “ESR Spectrsocopy of Nitroxides: Kintics and Dynamics of Exchange Reactions”,
G. Grampp and K. Rasmussen, in:Nitroxides, Theory, Experiment and Applications, 25-56, Ed.: A. I.Kokorin, Intech Publ. (2012).

7. "Cyclic Voltammetric Study of Heterogeneous Electron Transfer Rate Constants of Various Organic Compounds in Ionic Liquids: Measutrements at Room Temperature",
N. Siraj, G. Grampp, S. Landgraf and K. Punyain, Z. Phys. Chem. (2012),
207,105-119.

2011

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1. "Magnetic field effects on exciplex-forming systems: the effectz on the locally excited fluorophore and its dependence on freeenergy", Physical Chemistry Chemical Physics, 13,3446-3460 (2011).
K. Pal, D. Kattnig, G. Grampp and S. Landgraf

2. "Room Temperature Ionic Liquids Discerned via Nitroxyl Spin Probe Dynamics", J. Phys. Chem.B, 115, 8183-8198, 2011.
B. Mladenova, D. Kattnig, G. Grampp

3. "Behaviour of Short Nitroxide Biradicals in Room Temperature Ionic Liquid"
A I. Kokoin, B. Mladenova, E. N. Golubeva, G. Grampp
Appl. Magn. Res. 2011, 41, 353-362.

4. "Synthesis and Photophysical Propertiesof 2,6-Dicyano-p-phenyenediamine"
M. Zahid, A. Rosspeintner, G. Angulo, G. Grampp P. Jacques , A. Mansha,
J. Photochem. Photobio.A, 220,54-63, 2011.

5. "Theoretical Studies on the Dimerization of substituted Parapehenylenediamine Radical Cations"
K. Punyain, A. M. Kelterer and G. Grampp, Spectrochim. Acta A83, 368-378,2011.

6. D. Kattnig, A. Rosspeintner, G. Grampp,
"Magnetic Field Effects on Exciplex-Forming Systems: The Effect on the Locally Excited Fluorophore and its Dependence on Free Energy",
Phys. Chem. Chem. Phys. 2011, 13,3446-3460.

7. "Photoinduced Electron Transfer between Triplet Erythrosin Dianion and Highly Charged Ionic Quenchers", Chemical Monthly, 2011, 142, 11-17.
Mansha, A.; Grampp, G.; Landgraf, S.

8. "Behavior of Short Nitroxide Biradicals in Room Temperature Ionic Liquids!"
Appl. Magn. Res.42, 353-362 (2011).
A. I. Kokorin, B. Mladenova, E. N. Golubeva and G. Grampp

2010

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1. Photophysics of two Prototypical “Molecular Wire” Building Blocks. Solvent Effects”
A. Rosspeintner, G. Angulo, C. Onitsch, M. Kivala, F. Diederich, G. Grampp. G. Gescheidt,
Chem.Phys.Chem. 2010, 11, 1700-1710.

2. B. Rakvin, N. Maltar-Strmecki, D. Kattnigand G. Grampp
“ENDOR study on the dynamic properties of the first stable paramagnetic center in γ-irradiated L-alanine crystrals”,
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3. G. Angulo, D. R. Kattnig, A. Rosspeintner, G. Grampp, E. Vauthy,
“On the Choerent Description of Diffusion Influenced Fluorescence Quenching Experiments II: Early Events”,
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2009

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1. C. Lambert, A. Heckmann, C. Kaiser, B. Mladenova, G. Grampp, D. Kattnig,
“EPR- Spectroscopy of Bis(triarylamine) Paracyclophanes as Model Compounds for the Intramolecular Charge Transfer in Solid Materials for Optoelectronic Applications”,
J. Phys. Chem. C, 2009, 113, 2983-2995.

2.. K. Zangger, M. Respondek, C. Göbl, W. Hollweg, K. Rasmussen, G. Grampp, T. Madl,
“Positioning of Micelle-Bound Peptides by Paramagnetic Relaxation Enhancements”,
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3. V. A. Tran, A. I. Kokorin, G. Grampp, K. Rasmussen
“Features of Spin Exchange in NitroxideBiradicals in the Ionic Liquid bmimPF6”,
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4. V. I. Pergushov, N. A. Chumakova, M. Ya.Mel’nikov, G. Grampp, A. I. Kokorin,
“Structural and Dynamic Microheterogeneity of Ionic Liquids”,
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5. G. Grampp, M. Justinek, S. Landgraf, G.Angulo, N. Lukzen,
“Viscosity dependence of rubrene fluorescence quenching by organic radicals via energy transfer”
Photochem. Photobio. Sci. 2009,8,1595-1602.

6.. T. Hussain, K. Rasmussen, G. Grampp andA. Kokorin
“Effect of Viscosity on the Spin Exchange of TCNE and TEMPO Radicals with Iron(III)acetonylacetonate”,

Appl. Magn. Reson. 2009, 36,121-130.

2008

1. D. R. Kattnig, A. Rosspeintner, G. Grampp "Fully reversible interconversion between locally excited fluorophore, exciplex and radical ion pair demonstrated by a new magnetic field effect", Angew. Chem., Int. Ed., 2008, 47, 960-962.

2. D. R. Kattnig, A. Rosspeintner, G. Grampp „Reversibler Austausch zwischen lokal angeregten Fluorophor, Exciplex und Radikalionenpaar. Ein neuer Magnetfeldeffekt"
Angew. Chem. 2008, 120, 974-976.

3. A. Rosspeintner, D. R. Kattnig, G. Angulo, S. Landgraf, G. Grampp "The Rehm-Weller Experiment in View of Distant Electron Transfer" Chem. Eur. J., 2008, 14, 6213-6221.

4. G. Grampp, B. Grossmann, J. Heinze, S. Landgraf, K.Rasmussen "Electron Self-Exchange Kinetics of the Cycloocatetraene / Cyclooctatetraene Radical Anion Couple. Strong Influence of the Inner Sphere Reorganization Energy" Chem. Phys. Chem., 2008, 9, 854-860.

5. A. G. Matveeva, F. B. Sviridenko, V. V. Korolov, L.V. Kuibida, D. V. Stass, L. A. Shundrin, V. A. Reznikov, G. Grampp "Difficulties in Building Radiation-Generated Three-Spin Systems Using Spin-Labelled Luminophores" J. Phys. Chem. A, 2008, 112, 183-193.

6. G. Grampp, C. Muresanu, S. Landgraf "Photomodulated Voltammetry Investigations on the Benzyl Radical" Electrochim. Acta, 2008, 53, 3149-3155.

7. G. Angulo, G. Grampp, J. Grilj, P.Jacques, S.Landgraf, A. Rosspeintner "Spectroscopic characteristics of a novel highly fluorescent p-phenylenediamine: Tetracyano-p-phenylenediamine" J .Photochem. Photobio. A:Chem.2008,199,204-210.

2007

1. A. Rosspeintner, D. R. Kattnig, G. Angulo, S. Landgraf, G. Grampp, A. Cuetos "On the coherent description of diffusion influencedfluorescence quenching experiments"
Chem. Eur.J., 2007, 13, 6474–6483.

2 Y.-M. Shen, G. Grampp, N. Leesakul, H.-W. Hu, J.-H.Xu "Synthesis and emitting properties of the blue-light fluorophores indolizino[3,4,5-ab]isoindole derivatives" Eur. J. Org. Chem., 2007, 22, 3718-3726

3 V. A. Tran, K. Rasmussen, G. Grampp, A. I. Kokorin,"Solvent effects on the intramolecular spin exchange in biradicals at room temperature"
Mol. Phys., 2007, 105(15-16), 2119-2125.

4. B. Rakvin, N. Maltar-Strmecki, D. Kattnig, G. Grampp, “ENDOR study of the dynamic properties of stable paramagnetic centres in γ-irradiated L-alanine crystals”, Mol. Phys., 2007, 105(15-16), 2087-2094.

5. V. A. Tran, K. Rasmussen, G. Grampp, A. Kokorin,„The Solvent Effect on Spin Exchange in Long-Chain Nitroxide Biradicals“, Appl. Magn. Reson. 2007, 32, 395-406.

2006

1. N. N. Lukzen, K. L. Ivanov, V. A. Morozov, R. Z. Sagdeev, D. Kattnig, G. Grampp, “Calculation of transient CIDEP spectra of spin-correlated radical pairs in nanotubes” Chem. Phys., 2006, 328(1-3), 75 - 84H

2. N. N. HLukzen,.K. L. Ivanov, V. A. Morozov, R. Z. Sagdeev,D. Kattnig, G. Grampp, “Chemical polarization of electrons of spin-correlated radical ion pairs in nanotubes” Doklady physical chemistry, 2006, 409, 233-236.

3. G. Grampp, B. Mladenova, D. Kattnig, S. Landgraf
“ESR- and ENDOR Investigations on the Degenerated Elektron Self-Exchange Reactions of Various Viologenes in Solution. Solvent Dynamic Effects”
Appl. Magn. Res., 2006, 30, 145-164.

4. G. Grampp, D. Kattnig, B. Mladenova “ESR-spectroscopy in ionic liquids: Dynamic linebroadening effects caused by electron-self exchange reactions within the methylviologene redox couple” Spectrochim. Acta A, 2006, 63, 821-825.

5. B. Mladenova, D. Kattnig, G. Grampp “ESR-Investigations on the Dynamic Solvent Effects of Degenerate Electron Exchange Reactions. Part I: Cyanobenzenes“ Z. Phys. Chem., 2006, 220, 543-562.

6. Rosspeintner, G. Angulo, M. Weiglhofer, S. Landgraf, G. Grampp “Photophysical properties of 2,6-dicyano-N,N,N’,N’-tetramethyl-p-phenylene-diamine” J. Photochem. Photobiol: A, 2006, 183, 225-235.

7. G. Angulo, G. Grampp, A. Rosspeintner “Recalling the appropriate representation of electronic spectra” Spectrochim. Acta A, 2006, 65, 727-731.

8. Q.-J. Liu, Y.-M. Shen, H.-Y. An, G. Grampp, S. Landgraf, J.-H. Xu "Photoinduced cycloadditions of N-methyl-1,8-naphthalenedicarboximides with alkynes" Tetrahedron, 2006, 62, 1131-1138.

9. M. Zhang, Z.-F. Lu, Y. Liu, G. Grampp, H.-W. Hu, J.-H. Xu “Photoreactions of 1,2,4.5-benzenetetracarbonitrile with arylethenes. Photo-olefin dimerization aromatic substitution reactions” Tetrahedron, 2006, 62, 5663-5674.

10. A.I. Kokorin, V.A. Tran, K. Rasmussen, G. Grampp “Effect of Solvent Nature on Spin Exchange in Rigid Nitroxide Biradicals” Applied Magnetic Resonance, 2006, 30, 35-42

2005

1. G. Grampp, A.-M. Kelterer, S. Landgraf, M. Sacher, D. Niethammer, J.P. Telo, A.J.S.C. Viera “EPR- and ENDOR investigations of various Wursters cations in solution: Experimental and theoretical calculations” Chemical Monthly, 2005, 136, 519-53630.

2. Grampp, C. Muresanu, S. Landgraf “Solvent Influence of the Electrochemical Reduction of Photochemically Generatedcis-Azobenzene” J. Electroanal. Chem., 2005, 582, 171-178.

3. G. Grampp, P.J. Hore, M. Justinek, S. Landgraf, N. N. Lukzen “MARY spectroscopy: magnetic field effects on fluorescence intensities used for measuring electron transfer rates” Res. Chem. Intermed., 2005, 31(7–8), 567–573

4. G. Grampp, P.B. Sczaniecki, S. Zurek, W. Bednarski “Temperature Dependence of g Tensor Anisotropy in (tm-p-PD): Chloranil, Charge Transfer Complex Powders” Acta Physica Polonica A, 2005, 108, 317-321

5. N.N. Lukzen, D.R. Kattnig, G. Grampp “The effect ofsigns of hyperfine coupling constant on MARY spectra affected by degenerate electron exchange“ Chem. Phys. Lett., 2005, 413, 118-122