

## Luboš Vrbka – Résumé

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CONTACT INFORMATION	Institute of Physical and Theoretical Chemistry University of Regensburg Universitätsstraße 31 93053 Regensburg, Germany	Voice: (+49) 941-943-4026 Fax: (+49) 941-943-4532 E-mail: lubos@vrbka.net WWW: www.lubos.vrbka.net
PERSONAL INFORMATION	Date of birth Gender Nationality Marital status	December 9, 1979 male Czech married
RESEARCH INTERESTS	Physical, theoretical, and computational chemistry; structure, dynamics, and properties of ions at interfaces.	
EDUCATION	<b>Charles University and Institute of Organic Chemistry and Biochemistry</b> Prague, Czech Republic	
	<b>Ph.D.</b> , Physical Chemistry	September 2005 – March 2007
	<ul style="list-style-type: none"><li>• Dissertation Topic: “Structure and Dynamics of Ions at Phase Interfaces”</li><li>• Advisors: Mgr. Pavel Jungwirth, Ph.D. and RNDr. Petr Nachtigall, Ph.D.</li></ul>	
	<b>Charles University</b> , Faculty of Science, Department of Physical Chemistry Prague, Czech Republic	
	<b>RNDr.</b> (Rerum Naturalium Doctor), Physical Chemistry	June 2006
	<b>Masaryk University</b> , Faculty of Science, Department of Organic Chemistry Brno, Czech Republic	
	<b>Mgr.</b> (M.Sc. equivalent), Organic Chemistry	September 1998 – June 2003
	<ul style="list-style-type: none"><li>• Thesis Topic: “Conformational Behaviour of Flexible Bichromophoric Compounds”</li><li>• Advisor: Mgr. Zdeněk Kríž, Ph.D.</li></ul>	
PROFESSIONAL EXPERIENCE	<b>Institute of Physical and Theoretical Chemistry, University of Regensburg</b> , Germany <i>Humboldt postdoctoral fellow</i> September 2007 – current Research projects concerning complex electrolyte solutions.	
	<b>Institute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic</b> , Prague, Czech Republic	
	<i>graduate student</i>	March 2005 – March 2007
	<i>postdoctoral researcher</i>	March – August 2007
	Carried out several scientific projects in the field of physical, theoretical, and computational chemistry. Assistance during the course “Classical and Quantum Molecular Dynamics” taught at the Faculty of Mathematics and Physics, Charles University, Prague.	
HONORS AND AWARDS	<b>2003 Award of the Dean of the Faculty of Science</b> Masaryk University, Faculty of Science, Brno, Czech Republic	
	<b>2002 Chemical Section Award</b> Masaryk University, Faculty of Science, Brno, Czech Republic	

GRANTS AND  
FELLOWSHIPS

**2007 Alexander von Humboldt Fellowship**

Alexander von Humboldt Stiftung, Germany  
*postdoctoral stay, University of Regensburg*

September 2007 – August 2009

**2006 FY2006 Short-Term Fellowship for North American and European Researchers**

Japan Society for the Promotion of Science  
*research stay*

October 2006

**2002 Stevens Senior Enhancement Fellowship in Chemistry**

University of Missouri, Columbia, USA  
*summer research programme*

June – August 2002

COMPUTER SKILLS

- Operating Systems: GNU/Linux administration, Windows
- Languages: C, Awk, Unix shell scripts, basic Python
- Applications: common Linux and Windows word processing, spreadsheet, and presentation software (MS Office, OpenOffice)
- Simulation Packages: AMBER, GROMACS, GULP, DL\_POLY
- QM Codes: Gaussian, basics of CPMD and CP2K
- work in parallelized environments (PC clusters, supercomputers)

OTHER SKILLS

- Languages
  - English           fluent, FCE exam
  - German           advanced
- Driving license