

Mgr. Tereza Uhlíková, Ph.D.

CONTACT INFORMATION	Physics Department Universita degli Studi di Milano Via Celoria 16 20133 Milano Italy	<i>Voice:</i> +39 02 50317379 <i>Fax:</i> +39 02 50317482 <i>E-mail:</i> sediv@email.cz
RESEARCH INTERESTS	Theoretical quantum chemistry, astrochemistry, chemical physics, lifetimes of excited states of small molecules, radiative properties	
PERSONAL INFORMATION	Born name: Nationality: Resident of: Birth date: Gender: Marital Status: Number of Dependants:	Šedivcová Czech Czech Republic 9 April, 1980 Female married 0
EDUCATION	Gymnázium Jaroslava Heyrovského – secondary school, Prague 13	1994–1998
	Charles University , Prague, Czech Republic – master degree <i>Faculty of Science, Department of Physical and Macromolecular chemistry</i> M. S., Physical Chemistry, Jun 2003 Diploma topic: “Theoretical study of molecular ions and their detection in interstellar matter” Advisors: Doc. RNDr. J. Fišer, CSc. and RNDr. S. Civiš, CSc.	1998–2003
	Courses Astronomical course in the Planetárium Praha Summer-school of Quantum Chemistry on Jaroslav Heyrovský Institute of Physical Chemistry, Academy of Sciences of the Czech Republic Astronomical and astrophysical lectures at Faculty of Mathematics and Physics, Charles University in Prague with practise on Ondřejov Observatory 2-meter Telescope	1997–1998 2001 2001–2003
	Charles University , Prague, Czech Republic – doctoral degree <i>Faculty of Science, Department of Physical and Macromolecular chemistry</i> Ph. D., Physical Chemistry, March 2007 Dissertation topic: “Properties of metastable states of small molecules” Advisor: Ing. Vladimír Špirko, DrSc.	2003–2007
PROFESSIONAL EXPERIENCE	Jaroslav Heyrovský Institute of Physical Chemistry Academy of Sciences of the Czech Republic (IPCh CAS), Prague, Czech Republic <i>Research assistant</i> RNDr. Svatopluk Civiš, CSc. Analysis of astronomical spectra in order to identify C ₂ ⁻ in interstellar matter	July 2001 diploma thesis 2001–2003
	Okayama University and Observatory Faculty of Science, Department of Chemistry, Okayama, Japan <i>Research assistant</i> Prof. Kentarou Kawaguchi	November 2003

Observation and processing of measured visible spectra of reddened stars in order to identify carbon chain as possible carrier of DIB's

Bergische Universität

Faculty of Mathematics and Natural Sciences, Department of Theoretical Chemistry, Wuppertal, Germany

Research assistant

September – December 2005

Prof. Per Jensen, Ph.D.

Introducing with MORBID program, calculating high excited rovibrational states of H₂O

Institute of Organic chemistry and Biochemistry

Academy of Sciences of the Czech Republic, Prague, Czech Republic

Research assistant

Feb. 2006 – Feb. 2007

Ing. Vladimír Špirko, DrSc

Metastable states and radiative association of diatomic dications

Universita' degli Studi di Milano

Physics Department, Milano, Italy

Research assistant

March 2007 – present

Dott. Nicola Manini

SKILLS

Languages: English December 2004 – FCE, German – beginner

Using program packages and languages: MOLPRO, MORBID, MOLCAS, MATLAB, experience with C and Fortran

Operating Systems: Linux, Windows

REFERENCE

Ing. Vladimír Špirko, DrSc.

Voice: (+420)220410317

Institute of Organic chemistry and Biochemistry

E-mail: spirko@uochb.cas.cz

Academy of Sciences of the Czech Republic,

Prague, Czech Republic

Doc. RNDr. J. Fišer, CSc.

Voice: (+420)221951298

Charles University,

E-mail: fiser@natur.cuni.cz

Faculty of Science,

Department of Physical and

Macromolecular chemistry,

Prague, Czech Republic