

CURRICULUM VITAE

PERSONAL DATA

Name	Tereza BARTÁKOVÁ
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Nationality	Czech
Date of birth	December 2, 1982

CURRENT POSITION

2007 – present	Department of Theoretical Physics and Astrophysics Faculty of Science, Masaryk University, PhD student
office address	Kotlářská 2, 611 37 Brno, Czech Republic

EDUCATION

2007 – present	PhD study of programme “Theoretical Physics and Astrophysics” Faculty of Science, Masaryk University, Brno
2005 – 2007	Master Degree in Physics Faculty of Science, Masaryk University, Brno
2002 – 2005	Bachelor degree in Physics Faculty of Science, Masaryk University, Brno
1994 – 2002	secondary school (grammar-school) in Holešov
2009	completion of Degree programme “Teacher Training for Secondary Schools in Physics”, Faculty of Science, Masaryk University, Brno

RESEARCH EXPERIENCE

Topic of PhD Thesis	”Spectroscopy of active galaxies” analysis of IFS data of 4 pairs of nearby Seyfert and normal spiral galaxies; look for systematic differences in central stellar populations and stellar/gaseous kinematics supervisor: Bruno Jungwiert (Astronomical Institute, Academy of Science of the Czech Republic, Prague) advisor: Sebastian F. Sánchez (CAHA, Calar Alto, Almeria, Spain)
Master’s Thesis	”Spectroscopic study of the star HD 152786”

	<p>interpretation of UVES POP high-resolution spectrum and discussion of properties of the lithium star (mass, effective temperature, metallicity);</p> <p>summary of recent theories of depletion and creation lithium mechanisms in stars</p>
Bachelor's Thesis	<p>"Colour variations of blazars"</p> <p>observation, light curve analysis and colour variation analysis of the blazar PKS 0716+714</p>
PARTICIPATION IN RESEARCH PROJECTS	
"IFU spectroscopy of nearby Seyfert galaxies: the inner kiloparsecs"	<p>Euro3D/OPTICON project, PPAK/CAHA IFU observations done in 2005</p> <p>Jungwiert B., Sánchez S. F., Stoklasová I., Emsellem E., Ferruit P., Jahnke K., Mundell C., Tacconi-Garman L. E., Vergani D. and Wisotzki L.</p>
"VIMOS IFU Spectroscopy of SDSS Binary Quasar Candidates: Spatially Resolved Kinematics"	<p>VIMOS/VLT IFU observations done in 2010</p> <p>Stoklasová I., Jungwiert B., Bartáková T., Bartošková K., Ebrova I., Křížek M., Jílkova L.</p>
"NGC 5929: Central kpc of Seyfert galaxy in CO and optical IFU spectroscopy"	<p>proposal submitted for interferometr, IRAM, for period 1.12.2010—31.5.2010</p> <p>Stoklasová I., Krips M., Neri R., Combes F., García-Burillo S., Jungwiert B., Bartáková T.</p>
"CALIFA Survey"	<p>IFU survey for ~600 galaxies, planned to be finished in 2013</p> <p>CALIFA board: Kennicutt R. C., Sánchez S. F., Gil de Paz A., van de Ven G., Vilchez J., Wisotzki L.</p> <p>work in informal Prague-Brno group under leading of my supervisor concentrating on modelling of line profile structure of shell galaxies and AGN hosts</p>
SUMMER SCHOOLS, WORKSHOPS, VISITS	
July 2010	International Workshop "What Drives the Growth of Black Holes?", Durham, England (poster)
June 2010	CALIFA Kick-Off Meeting, Almeria, Spain (talk)
June 2009	one-week working visit to Sebastian F. Sánchez (CEFCA institut), Teruel, Spain
April 2009	CALIFA workshop, (MPIA) Heidelberg, Germany
June 2008	ESO conference "Gas and Stars in Galaxies - A Multi-Wavelength 3D Perspective", Garching, Germany
May 2008	The NEON 3D Spectra School, Astrophysikalisches Institut Potsdam, Germany
September 2007	ESO VLT Summer School "Active Galactic Nuclei at the Highest Angular Resolution", Torun, Poland

TALK

“Comparative study of nearby Seyfert
and normal galaxies”

CALIFA Kick-Off Meeting, Almeria, Spain, 7th June, 2010

TEACHING EXPERIENCES

2007 – present

practical sessions of lecture Mechanics and molecular physics at
Faculty of Science, Masaryk University, Brno

2004 – 2008

responsible for the public outreach at The Nicholas Copernicus
Observatory in Brno

LANGUAGES

english

advanced level

german

beginner

OTHER INFORMATION

marital status

married

maiden name

Krátká

driving licence

A (up to 50 ccm), B

hobbies

hiking, literature, photography, science, nature