

Péter Veres

PERSONAL INFORMATION	Pennsylvania State University Dept. of Astrononmy and Astrophysics 525 Davey Lab University Park, PA 16802	phone number: +1 814 753 0998 e-mail address: veresp@psu.edu http://www.personal.psu.edu/puv2 citizenship: Romanian
RESEARCH INTERESTS IN BRIEF	Gamma-ray bursts: dissipative photospheric models and the role of magnetic fields, GRB theoretical models in general, GRBs as cosmological probes, X-ray afterglows, anisotropies, high-energy spectra, gravitational lensing Radio astronomy: high-redshift active galactic nuclei, polarization Other: large scale structure, cosmology, topology, astronomical databases.	
EDUCATION, EMPLOYMENT	Pennsylvania State University , State College, PA, USA (2011-) <ul style="list-style-type: none">• Post-doctoral fellow advisor: <i>Péter Mészáros</i> Eötvös Loránd University , Budapest, Hungary (2007-2011) <ul style="list-style-type: none">• Graduate student - PhD advisors: <i>Zsolt Bagoly</i> and <i>István Horváth</i>• Thesis title: Gamma-ray Bursts' Physical Properties from Statistical Analyses University College Cork , Cork, Ireland (2006-2007) <ul style="list-style-type: none">• Graduate student advisor: <i>Denise Gabuzda</i>• Thesis topic: The Decaparsec Structure Magnetic Fields of AGNs Eötvös Loránd University , Budapest, Hungary (2001-2006) <ul style="list-style-type: none">• MSc. Astronomer advisor: <i>István Horváth</i>• Thesis title: Spectra of Gamma-ray Bursts	
AWARDS	<ul style="list-style-type: none">• Hungarian Scientific Research Fund Grant (as part of the Hungarian Gamma-ray Burst group) (2009-2013)• National Science Fund Ireland - Graduate Scholarship (2006-2007)• National Scientific Competition of Undergraduate Students, astrophysics category: honorable mention, (2005)• Hungarian State Scholarship for Students from outside Hungary (2001-2006)• Mathematics Competition of Hungarian nationals from all over the World (high school level): First prize (2001)	
LANGUAGES	<ul style="list-style-type: none">• Hungarian : native English, Romanian : fluent German : basic level	
COMPUTER SKILLS	<ul style="list-style-type: none">• Programming: IDL, Python, Linux shell scripting, C/C++• Mathematical Packages: R, SPSS, Mathematica, octave, gnuplot• Specific high-energy astronomy and other astronomy related software: rmfit, FLASH AMR, heasoft(xspec), AIPS, difmap, HEALPix	
TEACHING EXPERIENCE	<ul style="list-style-type: none">• Classical physics lab assistant (University College Cork)• Basic calculus and probability theory (Bolyai Military University)• Linear algebra (Bolyai Military University)• Electronics lab assistant (Eötvös University)	
OTHER WORK:	<ul style="list-style-type: none">• Referee for The Astrophysical Journal• Member of Fermi LAT team• Supervisor for József Kóbori (Eötvös University), MSc. thesis• Advised informally: András Kovács and Dorottya Szécsi (Eötvös University), BSc. thesis	