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## RESEARCH INTERESTS

Gravitation and Cosmology, Particle Physics, Astrophysics,  
Quantum Field Theory, Black Holes, Extra Dimensions, Brane World Models,  
Beyond the Standard Model Phenomenology, Topological Defects

## EDUCATION

1997 - 2001                Department of Physics, Case Western Reserve University  
                                 **Ph.D. in Physics, 2001**  
                                 Thesis: *“Neutrino Mass and its Implications for the Zero Mode and Vacuum  
Structures of the Standard Model and its Extensions”*  
                                 Advisor: Glenn Starkman

1994 - 1997                Institute of Physics, University of Belgrade  
                                 M.Sc. in Physics, 1997  
                                 Thesis: *“Non-Singular Black Holes in Dilaton Gravity”*  
                                 Advisor: Aleksandar Bogojevic

1990 - 1994                Department of Physics, University of Belgrade  
                                 B.Sc. in Physics (**Summa Cum Laude**), First in Class 1994  
                                 Thesis: *“Distant Correlations in Quantum Mechanics - Quantum Eraser”*  
                                 Advisor: Fedor Herbut

## RESEARCH AND TEACHING EXPERIENCE

- 2007 - present      Department of Physics, SUNY at Buffalo  
*Assistant Professor*
- 2005 - 2007        Department of Physics, CWRU  
*Visiting Assistant Professor*
- 2003 - 2005        Department of Physics, University of Michigan, Ann Arbor  
*MCTP Postdoctoral Fellow*
- 2001 - 2003        Department of Physics, University of Alberta  
*The Killam Memorial Postdoctoral Fellow*
- 1997 - 2001        Department of Physics, Case Western Reserve University  
*Research and Teaching Assistant*
- 1994 - 1997        Institute of Physics, University of Belgrade  
*Research and Teaching Assistant*

## GRANTS, AWARDS AND SCHOLARSHIPS

- Oxford University, UK  
*Astor Award, Visiting distinguished scientist (2007)*
- Ohio Super-Computer Center (OSC)  
*co-PI, Grant for 10 000 hours of CPU time (2006)*
- Department of Physics, University of Michigan, Ann Arbor  
*MCTP Postdoctoral Fellowship (2003 - 2005)*
- Department of Physics, University of Alberta  
*The Killam Memorial Postdoctoral Fellowship (2001 - 2003)*
- Department of Physics, Case Western Reserve University  
*Teaching and Research Assistantship and Scholarship (1997 - 2001)*
- Stipend from the Serbian Ministry of Science and Technology (1994 - 1997)*
- Stipend from the Foundation for Science Development, Yugoslavia (1990 - 1994)*
- Before 1990: Various high school competitions at republic and federal levels in Mathematics, Physics and Astronomy. Three times first rank in Serbia and two times first rank in (the former) Yugoslavia

**Computer skills:** Unix, Linux, Windows; C

**Referee:** Phys.Rev.Lett.; Phys.Rev.D.; JHEP; Class.Quan.Grav.; Phys.Lett.B; Gen.Rel.Grav; Mod.Phys.Lett.

**Grant Reviewer:** NSF