

Stanislav Žabić
Curriculum vitae

Basic Info:

Name: **Stanislav Žabić**
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Email: zabic@math.lsu.edu
Web site: <http://www.math.lsu.edu/~zabic>
Date of birth: March, 31; 1973
Place of birth: Vukovar, Croatia
Status in the USA: Application process for permanent residency started in fall 2004.

Career Goals: Research in non-smooth analysis, control theory and bio-mathematics, instruction at the university level.

Education:

Louisiana State University (LSU), Baton Rouge, LA PhD in Mathematics (expected) Thesis: Impulsive systems Advisor: Peter R. Wolenski	GPA 4.0	May 2005
Master of Science in Mathematics	GPA 4.0	May 2001
University of Belgrade, Belgrade, Serbia and Montenegro Bachelor of Science, Faculty of Mathematics	GPA: 9.06	October 1998

Work

Experience:

Instructor, Mathematics Department, LSU Prepared and presented lectures and tests for College Algebra and Capstone Course (an applied mathematics course where final year students are exposed to real-life projects involving math modeling).		2000-present
Research Assistant , Kinesiology Department, LSU Assisted prof. Robert Wood in research mathematically modeled and analyzed heart rate variability and blood pressure data.		summers 2001, 2002 and 2004
Research Assistant , Coastal Studies Institute, LSU Assisted prof. Alexandru Sheremet in his research with my programming skills.		summer 2004
Research Assistant, LSU Eye Center, New Orleans Assisted prof. Hilary Thompson in glaucoma research with my modeling and programming skills.		summer 2003
Visitor Researcher, FEUP, Porto, Portugal Conducted research in Portugal with professor Fernando Lobo Pereira		spring 2004
Seminar Organizer, Department of Mathematics Responsible for organization of the Control Theory Seminar series of lectures		fall 2004 and spring 2005
Teaching Assistant, Tune-UP Workshop, Department of Mathematics LSU The tune-up is a workshop aimed to help incoming graduate students in the sciences to obtain the mathematical background necessary to succeed in their area of study. Assisted students during problem sessions and MatLab training.		summers 2002 and 2003
Problem Session Instructor, Department of Mathematics LSU Assisted prof. Peter Wolenski in teaching a sophomore Differential Equations class by grading student papers and giving problem sessions once a week.		fall 1999
Instructor, Faculty of Mathematics, University of Belgrade Instructed LaTeX writing and maintained computer network		spring 1999

non-academic
positions:

Radio DJ, University Radio Station, KLSU, LSU	2001-present
Translator, Reuters News Agency, Budapest, Hungary	summer 1999
Editor of "Perseidi", Petnica Science Center, Valjevo, Serbia	
Co-founded amateur meteor science journal "Perseidi" and edited the first three issues.	1993-1999

Presentations:

Louisiana Conference on Mathematical Control Theory (MCT '03) Impulsive Systems (20 minute presentation)	April 10-13, 2003
6th Portugese Conference on Automatic Control, Controlo 2004 Direct Solution Concept for Impulsive Systems (20 minute presentation)	June 7-9, 2004
Louisiana Biomedical Research Network Retreat, Optical Nerve Head Detection Using Proper Orthogonal Decomposition (poster presentation with M. Balasubramanian, H. Thompson and P.R. Wolenski)	January 25, 2004
Control Theory Seminar, Department of Mathematics, LSU Three two-hour lectures on impulsive systems and a one-hour lecture on measurable selections	2001, 2002 and 2004
Industrial Mathematics Modeling Workshop, NCSU, Raleigh, NC Michelin's Pax tire system design, presentation about the research conducted while at the Industrial Mathematics Modeling Workshop, NCSU (20 minute presentation)	July 23-31, 2001
Faculty of Medicine, University of Belgrade, 2003 PET/CT Image Processing And Radiation Treatment Planning (20 minute presentation)	summer 2003
American College of Sports and Medicine Conference, Indianapolis, IN Hypotension after Resistance Exercise and Diminished Sympathetic Vascular Responsiveness in Older Women. (Not present at the conference, poster presentation only.)	June 2-5, 2004
Annual Meeting of the Southeastern Chapter of American College of Sports and Medicine Vagal modulation and central hemodynamic response to common doses of orally administered aspirin during dynamic handgrip exercise and forearm occlusion. (Not present at the conference, poster presentation only.)	2002

Technical Skills: Programming experience in C, Pascal and FORTRAN. Versed in using following packages: MatLab, OPL Studio, Visual Basic, Maple, Mathematica, MS Office, LaTeX. Worked on Windows and Unix systems.

Honors and awards:

Graduate School Enhancement Fellowship (1999-2003)
Research Assistantship: academic years: 99/00, 00/01, 02/03, 03/04 04/05
Graduate Assistantship, academic years: 2001/2002
Abroad study award; spring 2004
Louisiana Biomedical Research Network Research Award, summer 2003
Tuition award: academic years: 1999/2000, 2000/2001

Conferences and Workshops:

6th Portugese Conference on Automatic Control, Controlo 2004, Faro Portugal, June 7-9, 2004
CDC-IEEE 2002, Las Vegas, December 2002
Louisiana Conference on Mathematical Control Theory, LSU, April 10-13, 2003
Industrial Mathematics Modeling Workshop, NCSU, Raleigh, NC, July 23-31, 2001