



Milan Milošević

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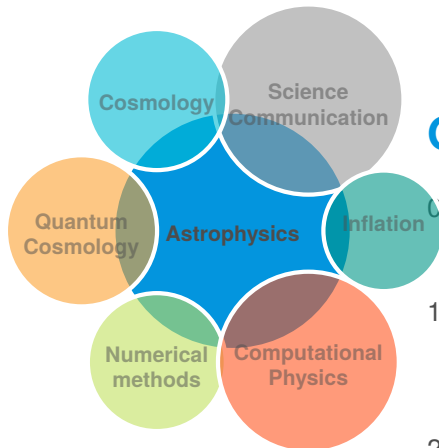
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Research IDs

ORCID: 0000-0001-6088-247X
Research ID: C-2869-2017
Scopus ID: 55603811300
Mendeley
Google Scholar

Field of interest



Education

- 2010-2017 **PhD - Theoretical Physics** [Faculty of Sciences and Mathematics, University of Niš](#)
Thesis: *Inflationary Cosmological Models with Tachyon and Radion Fields*
Mentor: **Goran Djordjević**, PhD, full professor
- 2000-2010 **MSc - General Physics** [Faculty of Sciences and Mathematics, University of Niš](#)
Thesis: *Inflationary Cosmological Models*

Work Experience

- 12/2017-now **Assistant Professor** [Faculty of Sciences and Mathematics, University of Niš](#)
- 09/2016-now **Teacher** [Gymnasium "Svetozar Marković", Niš](#)
Subjects *Modeling in Physics*, 4th grade; *Introduction to Informatics and Computing*, 2nd grade (2017-); High school class for students with special abilities in physics; Mentor of four graduation papers
- 2014-2017 **Research Assistant** [Faculty of Sciences and Mathematics, University of Niš](#)
Researcher on the project of the Serbian ministry of Education and Science No. OI176021; **teaching assistant** for courses at Department of Physics, Department of Biology with Ecology and Department of Geography (Undergraduate and Master academic studies)
- 2011-2014 **Research Trainee** [Faculty of Sciences and Mathematics, University of Niš](#)
Researcher on the project of the Serbian ministry of Education and Science No. OI176021; **teaching assistant** for courses at Department of Physics (Master academic studies)

Other Work Experience

- 01/2016-now **Technical Editor** [Journal and web site *Physics Education*](#)
- 11/16-12/16 **Guest Technical Editor**
[Facta Universitatis \(Niš\) Series: Physics, Chemistry and Technology, University of Niš](#)
- 2015-now **Linux System Engineer** [Svet nauke \(eng. *World of Science*\)](#)
Providing hosting for web sites of Astronomical Society "Alpha", Physical Society Niš, SEENET-MTP Network, Departemnt of Physics and Astronomical Magazine

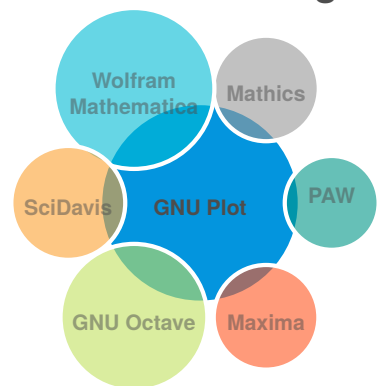
Office Software



2005-now **Linux System Engineer** [SEENET-MTP Network](#)
Southeastern European Network in Mathematical and Theoretical Physics (SEENET-MTP); System and website mainenance, web design and web programming

2004-now **Editor-in-Chief and Author** [Svet nauke \(eng. World of Science\)](#)
Svet nauke is one of the most popular web sites in West Balkan region in the field of sicene communication and popularisation; the web site was selected as one of the TOP5 of the best web sites in the field *Science and Culture* by the choice of the magazine *PC Press* (years 2010 and 2011).

Software Packages



Teaching Experience

2015-now **Programming in Phisics** [teaching assistant](#)
Undergraduate academic studies, Departmen of Physics

2011-now **Numerical Methods in Physics** [teaching assistant](#)
Master academic studies, Departmen of Physics

2011-now **Computational Software in Physics** [teaching assistant](#)
Master academic studies, Departmen of Physics

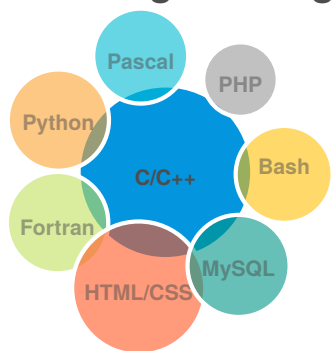
2011-now **Visual Quantum Mechanics** [teaching assistant](#)
Master academic studies, Departmen of Physics

2016-now **Introduction to Astrophysics** [teaching assistant](#)
Master academic studies, Departmen of Physics

2016-now **Astronomy** [teaching assistant](#)
Master academic studies, Departmen of Geography

2016-now **Introduction to Astrophysics with Astrobiology** [teaching assistant](#)
Undergraduate academic studies, Departmen of Biology with Ecology

Programming



International Projects

2016-now **NT-03 Cosmology - Classical and Quantum Challenges** [ICTP - SEENET-MTP](#)

2016-now **NT-03 Cosmology and Astrophysics Network for Theoretical Advances and Training Actions (CANTATA)** [CA COST Action CA15117](#)

2011-2016 **PRJ-09 Cosmology and Strings** [ICTP - SEENET-MTP](#)

Operating Systems

Debian Linux ★★★★★
MS Windows ★★★★★
CentOS Linux ★★★★★
Scientific Linux ★★★★★
Fedora ★★★★★

Languages

Serbian ★★★★★
English ★★★★★

2012-2013	Research-training program in Mathematical and Theoretical Physics CFS 13-10 n.: 45000194266	UNESCO
2011-2012	Mathematical and Theoretical Physics SEE AFC 11-18 n.: 4500143843	UNESCO
2010-2011	Training and Mobility Program. Promotion of excellence and growing of the youth's interest for education in Physics and Mathematics AFC 10-12	UNESCO
2009-2010	Map of Excellence in Physics and Mathematics in SEE AFC 09-50 4500085387	UNESCO

National Projects

2011-danas	Visible and invisible matter in nearby galaxies: theory and observations, No. OI176021 Ministry of Education, Science and Technological Development, Serbia	Team member
06/17-05/18	Astronomy Everywhere Center for Promotion of Science, project carrier AS Alpha Science (astronomy and physics) promotion and popularisation in South and East part of Serbia	Coordinator
09/15-12/15	Astronomy in rural areas Center for Promotion of Science, project carrier AS Alpha Science (astronomy and physics) promotion and popularisation in South and East part of Serbia	Coordinator
09/13-12/13	Astronomy for everyone Center for Promotion of Science, project carrier AS Alpha Science (astronomy and physics) promotion and popularisation in South and East part of Serbia	Coordinator
2013-2014	Eco-Lighting Students' project; program <i>Pokreni se za budućnost</i> installation of lighting at the faculty	Team member
2012-2013	Astronomy from the Armchair Students' project; program <i>Pokreni se za budućnost</i> building and equipping the astronomical observatory on roof of the faculty	Team member

Scholarships

- 11/15-01/11 **Student scholarship** [LMU-MPI, Munich, Germany](#)
Bavarian State Ministry for Education, Science and the Arts;
Mobility program *String Theory and Theoretical Physics*
- 07/04-09/04 **Student Scholarship** [DESY, Hamburg, Germany](#)
Summer School

Summer School and Scientific Meetings

- 12/2017 **ICT Networking for Overcoming Technical and Social Barriers in Instrumental Analytical Chemistry Education**
NETCHEM Work Meeting [Belgrade, Serbia](#)
Talk: *Remote Access case study experiences from Astronomy project*
- 11/2017 **The Community for Science Education – STEM – partnership for quality (CNCES 2017)** [Bucharest, Romania](#)
Talk: *Popularization of (astro)Physics in South-Eastern Serbia*
- 10/2017 **18th Serbian Astronomical Conference** [Belgrade, Serbia](#)
Talk: *Braneworld Cosmology and Tachyon Inflation – RSII Numerical Models*
- 10/2017 **4rd CERN – SEENET-MTP PhD Training Program - New Trends in High Energy Theory** [Sofia, Bulgaria](#)
- 06/2017 **Workshop on Open Source Solutions for the Internet of Things** [ICTP, Trieste, Italy](#)
Talk: *IoT and Physics - from a Simple Pendulum to Cosmic Rays*
- 12/2016 **3rd CERN – SEENET-MTP PhD Training Program - Computational methods in Cosmology and General Relativity** [Timisoara, Romania](#)
Exercises: *Hamiltonian method and its application to braneworld cosmology*,
Professor **Neven Bilić**, PhD, Senior Scientist (Ruđer Bošković Institute, Zagreb, Croatia)
- 05/2015 **First Advanced School on Cosmology** [ICTP, Trieste, Italy](#)
- 11/2014 **TIM 14 Physics Conference** [Timisoara, Romania](#)
Talk: *Tachyonic and Locally Equivalent Canonical Lagrangians – the Polynomial Case*, u saradnji sa G. Đorđevićem i D. Dimitrijevićem
- 05/2013 **XII Kongres fizičara** [Vrnjačka Banja, Serbia](#)

11/2012	TIM 12 Physics Conference	Timisoara, Romania
07/2012	Summer School on Cosmology	ICTP, Trieste, Italy
11/2011	TIM 11 Physics Conference	Timisoara, Romania
06/2011	Summer School on Particle Physics	ICTP, Trieste, Italy
06/2010	Summer School on Cosmology	ICTP, Trieste, Italy
02/2008	School and Workshop on New Perspective in Wireless Networking	ICTP, Trieste, Italy
09/2006	International School on Modern Trends in Mathematical Physics	Sofia, Bulgaria

Membership and Collaborations

2016-now	European Physical Society	member
2013-2016	Journal Popular Science Serbia	associate
2012-now	Physical Society Niš since 2013; a member since 2012	secretary
2012-2016	Physical Society of Serbia	member
2005-now	SEENET-MTP Network	member
2003-2009	Journal Astronomija	editor
1999-now	Website Astronomski magazin	editor
1998-now	Astronomical Society Alpha since April 2009, member since 1998	vice president

Membership in Local Organizing Committee

2013	Balkan Workshop BW2013	Vrnjačka Banja, Serbia
2011	Balkan Summer Institute BSI2011	Niš / Donji Milanovac, Serbia
2009	Spring School on Strings, Cosmology and Particles	Belgrade / Niš, Serbia
2007	III Southeastern European Workshop Challenges Beyond the Standard Model BW2007	Kladovo, Serbia
2007	New methods in string theory and quantization SQ2007	Niš, Serbia
2005	Quantum Models on Noncommutative and Deformed Spaces	Niš, Serbia
2005	II Southeastern European Workshop Challenges Beyond the Standard Model BW2005	Vrnjačka Banja, Serbia

Additional Information

He published 13 scientific papers, of which four are in academic journals with impact factor (IF).

One of the authors and implementers of the program *From the Roof to the Star* - accredited program of continuous professional development of teachers and educators for the school year 2014/15 and 2015/16.

He participated in founding and he is participating in the work of *Laboratory for Computational Physics* and *Laboratory for Astronomy, Astrophysics and Astrobiology* at Faculty of Sciences and Mathematics.

He is actively working in the field of promotion of science and (internet) journalism. He has given more than 50 public lectures and has authored over 150 in the field of popular science, in particular astrophysics and physics.