



# Milan Milošević

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## E-mail

mmilan@seenet-mtp.info  
mmilan@pmf.ni.ac.rs  
mmilan@svetnauke.org  
Milan.Milosevic@pmf.edu.rs

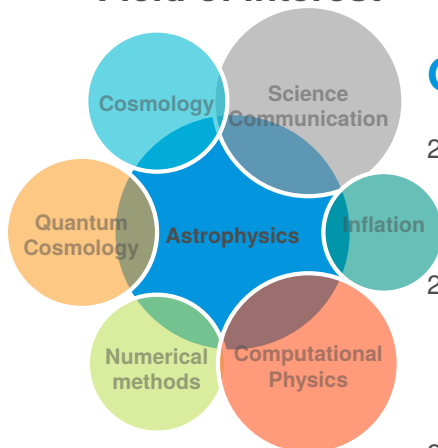
## Web

www.svetnauke.org  
www.mmilan.com  
LinkedIn: mmilann  
Facebook: mmilann

## 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; *Astronomy*, 4th grade; *Introduction to Informatics and Computing*, 2nd grade (2017-2018); High school class for students with special abilities in physics; Mentor of 15 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

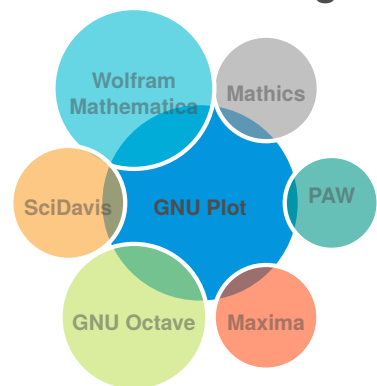
- 2015-now **Linux System Engineer** [Svet nauke \(eng. World of Science\)](#)  
Providing hosting for web sites of Astronomical Society "Alpha", and Astronomical Magazine
- 2005-now **Linux System Administrator** [SEENET-MTP Network](#)  
Southeastern European Network in Mathematical and Theoretical Physics (SEENET-MTP); System and website maintenance, 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 science 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).

## Office Software



- 2015-2018 **Linux System Engineer** *Svet nauke (eng. World of Science)*  
Providing hosting for web sites of Physical Society Niš, SEENET-MTP Network and Departemnt of Physics
- 01/16-06/17 **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*

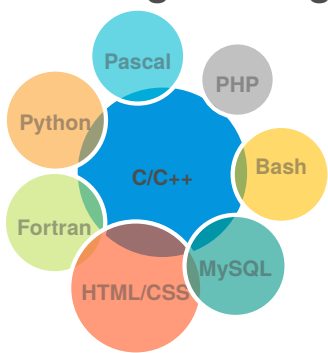
## Software Packages



## Teaching Experience

- 2017-now **Computational Software in Physics** *Lectures*  
Master academic studies, Departmen of Physics
- 2017-now **Visual Quantum Mechanics** *Lectures*  
Master academic studies, Departmen of Physics
- 2017-now **Astronomy** *Lectures*  
Master academic studies, Departmen of Geography
- 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



## Operating Systems

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

## Languages

- Serbian ★★★★★
- English ★★★★★

## International Projects

- 2019-now **Quantum gravity phenomenology in the multi-messenger approach (QG-MM)** [CA COST Action CA18108](#)
- 2017-now **NetChem :: ICT Networking for Overcoming Technical and Social Barriers in Instrumental Analytical Chemistry education** [Erasmus+](#)
- 2016-now **NT-03 Cosmology: Classical and Quantum Challenges** [ICTP - SEENET-MTP](#)
- 2016-now **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](#)
- 2012-2013 **Research-training program in Mathematical and Theoretical Physics** [UNESCO](#)  
CFS 13-10 n.: 45000194266
- 2011-2012 **Mathematical and Theoretical Physics SEE** [UNESCO](#)  
AFC 11-18 n.: 4500143843
- 2010-2011 **Training and Mobility Program. Promotion of excellence and growing of the youth's interest for education in Physics and Mathematics** [UNESCO](#)  
AFC 10-12
- 2009-2010 **Map of Excellence in Physics and Mathematics in SEE** [UNESCO](#)  
AFC 09-50 4500085387

## National Projects

- 2011-danas **Visible and invisible matter in nearby galaxies: theory and observations, No. OI176021** [Team member](#)  
Ministry of Education, Science and Technological Development, Serbia
- 07/19-12/19 **Apolo on the net** [Coordinator](#)  
Center for Promotion of Science, project carrier AS Alpha  
Science (astronomy and physics) promotion and popularisation in South and East part of Serbia

- 06/17-05/18 **Astronomy Everywhere** Coordinator  
 Center for Promotion of Science, project carrier AS Alpha  
 Science (astronomy and physics) promotion and popularisation in South and East part of Serbia
- 09/15-12/15 **Astronomy in rural areas** Coordinator  
 Center for Promotion of Science, project carrier AS Alpha  
 Science (astronomy and physics) promotion and popularisation in South and East part of Serbia
- 09/13-12/13 **Astronomy for everyone** Coordinator  
 Center for Promotion of Science, project carrier AS Alpha  
 Science (astronomy and physics) promotion and popularisation in South and East part of Serbia
- 2013-2014 **Eco-Lighting** Team member  
 Students' project; program *Pokreni se za budućnost*  
 installation of lighting at the faculty
- 2012-2013 **Astronomy from the Armchair** Team member  
 Students' project; program *Pokreni se za budućnost*  
 building and equipping the astronomical observatory on roof of the faculty

## Scholarships

- 10/18-11/18 **STSM** Rudjer Bošković Institute, Zagreb, Croatia  
 COST Action CA15117
- 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

## Scientific Meetings and Schools

- 09/2019 **10th Mathematical Physics Meeting: School and Conference on Modern Mathematical Physics** Belgrade, Serbia  
 Predavanje: *Slow-roll parameters in extended RSII model*
- 06/2018 **SEENET-MTP Balkan School and Workshop BSW2018** Niš, Serbia  
 Predavanje: *The shape of Fe K $\alpha$  line emitted from relativistic accretion disc around AGN black holes*

- 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](#)
- 09/2017 **LCDM and Beyond: Cosmology Tools in Theory and in Practice** [Corfu, Greece](#)
- 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	<b>Summer School on Cosmology</b>	ICTP, Trieste, Italy
02/2008	<b>School and Workshop on New Perspective in Wireless Networking</b>	ICTP, Trieste, Italy
09/2006	<b>International School on Modern Trends in Mathematical Physics</b>	Sofia, Bulgaria

## Membership and Collaborations

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

## Membership in Local Organizing Committee

2018	<b>SEENET-MTP Balkan School and Workshop BSW2018</b>	Niš, Srbija
2013	<b>Balkan Workshop BW2013</b>	Vrnjačka Banja, Serbia

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

## Additional Information

He published 19 scientific papers, of which six 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 about 65 public lectures and has authored over 150 articles in the field of popular science, in particular astrophysics and physics.