

## Stevan Armaković, PhD

Novi Sad, Republic of Serbia

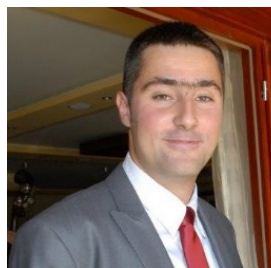
Phone: +381 63 1019036

[www.armakovic.com](http://www.armakovic.com)

[www.aidasco.org](http://www.aidasco.org)

[stevan.armakovic@df.uns.ac.rs](mailto:stevan.armakovic@df.uns.ac.rs)

[stevan.armakovic@aidasco.org](mailto:stevan.armakovic@aidasco.org)



## WORK EXPERIENCE

### 2020 – PRESENT

**BOARD PRESIDENT**, ASSOCIATION FOR THE INTERNATIONAL DEVELOPMENT OF ACADEMIC AND SCIENTIFIC COLLABORATION (AIDASCO)

- Establishment of connections with academics and scientists from all over the world, to conduct joint projects
- Connecting academia and industry
- Promotion of students and young researchers and their involvement in the research activities of AIDASCO members
- Science promotion and communication, education of the general public about important topics and Gender equality

### 2019 – PRESENT

**ASSISTANT PROFESSOR**, UNIVERSITY OF NOVI SAD, FACULTY OF SCIENCE DEPARTMENT OF PHYSICS

- Teaching: Kinetic theory of gasses, Programming in Physics, Demonstrational experiments in physics II, Physics popularization, Vibrational Spectroscopy, Biophysics
- Research in the area of materials science, organic & inorganic nanomaterials, advanced oxidation processes, ionic liquids, physics education
- Project applications
- Involvement of students in research activities
- Promotion of Department & Science popularization
- Membership in Faculty Committees

### 2019 – PRESENT

**MEMBER OF USAID RESEARCH TECHNICAL ASSISTANCE CENTER**

- Research assistance to projects within USAID

### 2019 – PRESENT

**PHYSICS TEACHER**, “JOVAN JOVANOVIĆ ZMAJ” HIGH SCHOOL

- Teaching “Modeling in Physics” and “Physics of Atoms and Molecules” for students with exceptional abilities in physics

### 2015 – PRESENT

**ASSISTANT RESEARCH PROFESSOR**, UNIVERSITY OF NOVI SAD, FACULTY OF SCIENCE DEPARTMENT OF PHYSICS

- Research in the area of materials science
- Promotion of Department & Science popularization

**2012 – 2015**

**RESEARCH ASSISTANT**, UNIVERSITY OF NOVI SAD, FACULTY OF SCIENCE DEPARTMENT OF PHYSICS

- Research in the area of materials science
- Promotion of Department & Science popularization

**2010 – 2012**

**JUNIOR RESEARCH ASSISTANT**, UNIVERSITY OF NOVI SAD, FACULTY OF SCIENCE DEPARTMENT OF PHYSICS

- PhD student
- Research in the area of materials science

## EDUCATION

**OCTOBER 2014**

**PHD, THEORETICAL CONDENSED MATTER PHYSICS**

UNIVERSITY OF NOVI SAD, FACULTY OF SCIENCE DEPARTMENT OF PHYSICS

**SEPTEMBER 2009**

**GRADUATED PHYSICIST**

UNIVERSITY OF NOVI SAD, FACULTY OF SCIENCE DEPARTMENT OF PHYSICS

**SEPTEMBER 2004**

**HIGH SCHOOL GRADUATION**

“IVO LOLA RIBAR” HIGH SCHOOL, SREMSKA MITROVICA, REPUBLIC OF SERBIA

**SEPTEMBER 2000**

**ELEMENTARY MUSIC SCHOOL GRADUATION**

“PETAR KRANČEVIĆ” MUSIC SCHOOL, INSTRUMENT CLARINET, SREMSKA MITROVICA, REPUBLIC OF SERBIA

## SCIENTIFIC METRICS

- Total of 125 papers published in journals with impact factors. Complete publication list can be seen at <http://www.armakovic.com/publications1.html>
- 320 verified pre-publication reviews for journals with impact factors, Publons profile: <https://publons.com/researcher/459312/dr-stevan-armakovic/>
- Total number of citations:  
Google Scholar: 2246, h-index 26  
Scopus: 1919, h-index 25

## SKILLS

- Computational materials and molecular modeling: ab initio, molecular dynamics, molecular docking  
Experience in following codes and program packages:  
Schrödinger Materials Science Suite (Jaguar, Desmond, MacroModel, Canvas, Maestro), PSI4, Quantum Wise/Synopsis ATK, SCM ADF, Turbomole, Gaussian, GAMESS, Quantum Espresso, Autodock Vina, Multiwfn, VMD, ORCA, etc.
- Scientific writing and editing, project applications – 120+ papers published in peer-reviewed journals, 300+ papers reviewed for recognized international journals, participation in projects
- Communication and Presentation Skills:
  - Schrödinger's 2nd European Materials Science Bootcamp (2016) – Invited lecture: Rationalization of Experiments with Schrödinger Materials Science Suite (Curved carbon nanostructures and ionic liquids)
  - COOL scientist – Researcher Night (2016), University of Novi Sad
  - The reward at the 8th Young Researchers Conference for the best oral presentation (2011), organized by the Materials Research Society of Serbia
- Computational skills
  - Linux and Windows operating systems
  - Programming in python
  - Experience with supercomputing resources
  - Web and graphic design
- Remote teaching, Conferencing

## RESEARCH PROJECTS AND GRANTS

- 2021 – present  
Title: PROTEIN – Personalized nutrition for hEalthy living  
Role: Researcher  
Funded by: **Horizon 2020 , Grant Agreement Number 817732**
- 2019 – present  
Title: Nanotechnology materials in biotechnology  
Role: Project application and co-principle researcher  
Funded by: **Ministry for Scientific and Technological Development, Higher Education and Information Society of the Republic of Srpska, Grant ID: 19/6-020/961-32/18.**
- 2018 - 2019  
Title: Virtual human osteoarticular system and its application in preclinical and clinical practice  
Role: Researcher  
Funded by: **Ministry of Education, Science and Technological Development of the Republic of Serbia, Grant ID: III 41017**
- 2017 - 2019  
Title: CONNECT events 1-3, Connecting students and young researchers of the western Balkan region. Towards the establishment of Science Communication Center and Western Balkan Scientific Association  
Role: applicant, mentor of student projects  
Funded by: **German Academic Exchange Service (DAAD)**
- 2017 - 2018  
Title: Comparison of photocatalytic efficiencies of Zr/Fe<sub>3</sub>O<sub>4</sub> and Si/ZrO<sub>2</sub> nanopowders in degradation of biologically active compounds present in environment, by application of simulated sun irradiation

Role: Researcher

Funded by: **Provincial Secretariat for Science and Technological Development of Vojvodina, Republic of Serbia, Grant ID: 142-451-2727/2017-01/01**

- 2011 - 2018

Title: Design and modeling of specific properties of nanostructures

Role: Researcher and project administration

Funded by: **Ministry of Education, Science and Technological Development of the Republic of Serbia, Grant ID: ON171039**

- 2011 - 2018

Title: Improvement of forensic methods and their application

Role: Researcher and project administration

Funded by: **Ministry of Education, Science and Technological Development of the Republic of Serbia, Grant ID: TR34019**

- 2010 - 2011

Title: Improvement of physical properties of nanostructured materials

Role: Researcher and project administration

Funded by: **Ministry of Education, Science and Technological Development of the Republic of Serbia**

## OTHER

- Active practice of Tendoryu Aikido at "Seiunkan" Aikido club,
- Active driver, B category,
- Hobbies: basketball, running, music, writing of SF novel, python programming and web design,
- Married with Sanja, father of two.