



Senad Odžak

Datum rođenja: 23/07/1978 | **Državljanstvo:** Bosne i Hercegovine | **Broj telefona:**

(+387) 33279993 (Poslovna) | **Imejl-adresa:** senad.odzak@pmf.unsa.ba | **Veb-sajt:**

<http://fizika.pmf.unsa.ba/> | **Skype:** odzak.senad |

Adresa: Zmaja od Bosne 33-35, 71000, Sarajevo, Bosna i Hercegovina
(Poslovna)

RADNO ISKUSTVO

UNIVERZITET U SARAJEVU - PRIRODNO-MATEMATIČKI FAKULTET – SARAJEVO, BOSNA I HERCEGOVINA
ASISTENT (ODSJEK ZA FIZIKU) – 2001 – 2007

PRVA BOŠNJAČKA GIMNAZIJA SARAJEVO – SARAJEVO, BOSNA I HERCEGOVINA
VANJSKI SARADNIK - PROFESOR FIZIKE – 2001 – 2010

UNIVERZITET U SARAJEVU - PRIRODNO-MATEMATIČKI FAKULTET – SARAJEVO, BOSNA I HERCEGOVINA
VIŠI ASISTENT (ODSJEK ZA FIZIKU) – 2007 – 2011

UNIVERZITET U SARAJEVU - PRIRODNO-MATEMATIČKI FAKULTET – SARAJEVO, BOSNA I HERCEGOVINA
DOCENT (ODSJEK ZA FIZIKU) – 2011 – 2014

UNIVERZITET U SARAJEVU - PRIRODNO-MATEMATIČKI FAKULTET – SARAJEVO, BOSNA I HERCEGOVINA
VANREDNI PROFESOR (ODSJEK ZA FIZIKU) – 2014 – 2020

UNIVERZITET U SARAJEVU - PRIRODNO-MATEMATIČKI FAKULTET – SARAJEVO, BOSNA I HERCEGOVINA
REDOVNI PROFESOR (ODSJEK ZA FIZIKU) – 2020 – TRENUTNO

OBRAZOVANJE I OSPOSOBLJAVANJE

1997 – 2001 Sarajevo, Bosna i Hercegovina

DIPLOMIRANI FIZIČAR Univerzitet u Sarajevu, Prirodno-matematički fakultet, Odsjek za fiziku

Adresa Zmaja od Bosne 33-35, 71000, Sarajevo, Bosna i Hercegovina | **Veb-sajt** <http://fizika.pmf.unsa.ba>

2002 – 2007 Sarajevo, Bosna i Hercegovina

MAGISTAR FIZIČKIH NAUKA Univerzitet u Sarajevu, Prirodno-matematički fakultet, Odsjek za fiziku

Adresa Zmaja od Bosne 33-35, 71000, Sarajevo, Bosna i Hercegovina | **Veb-sajt** <http://fizika.pmf.unsa.ba>

2007 – 2010 Sarajevo, Bosna i Hercegovina

DOKTOR FIZIČKIH NAUKA Univerzitet u Sarajevu, Prirodno-matematički fakultet, Odsjek za fiziku

Adresa Zmaja od Bosne 33-35, 71000, Sarajevo, Bosna i Hercegovina | **Veb-sajt** <http://fizika.pmf.unsa.ba>

JEZIČKE VEŠTINE

Maternji jezik ili jezici: **BOSNIAN**

Drugi jezik/jezici:

	RAZUMEVANJE		GOVOR		PISANJE
	Slušanje	Čitanje	Govorna produkcija	Govorna interakcija	
ENGLISKI	C1	C2	B2	B2	C1

● VEŠTINE

Fortran, C/C++, Java, Python, LaTeX, Mathematica, Matlab

● PUBLIKACIJE

2005

[S. Odžak and D. B. Milošević, "High-order harmonic generation in the presence of a static electric field"](#)

Phys. Rev. A 72, 033407

2006

[S. Odžak and D. B. Milošević, "Attosecond pulse generation by a coplanar circular and static field combination"](#)

Phys. Lett. A 355, 368-372

2008

[D. B. Milošević, E. Hasović, S. Odžak, M. Busuladžić, A. Gazibegović-Busuladžić, and W. Becker, "Wavelength dependence of channel-closing enhancements in high-order above-threshold ionization and harmonic generation"](#)

J. Mod. Opt. 55, 2653-2663

2009

[D. B. Milošević, E. Hasović, S. Odžak, M. Busuladžić, A. Gazibegović-Busuladžić, and W. Becker, "New results in above-threshold ionization and high-order harmonic generation of atomic and molecular systems"](#)

Laser Phys. 19, 185-190

2009

[S. Odžak and D. B. Milošević, "Interference effects in high-order harmonic generation by homonuclear diatomic molecules", Phys. Rev. A 79, 023414 \(2009\).](#)

Phys. Rev. A 79, 023414

2009

[S. Odžak and D. B. Milošević, "Molecular high-order harmonic generation: analysis of a destructive interference condition"](#)

J. Phys. B 42, 071001 (F)

2010

[S. Odžak and D. B. Milošević, "Role of ellipticity in high-order harmonic generation by homonuclear diatomic molecules"](#)

Phys. Rev. A 82, 023412

2011

[S. Odžak and D. B. Milošević, "Ellipticity and the offset angle of high harmonics generated by homonuclear diatomic molecules"](#)

J. Phys. B 42, 125602

2012

[A. Čerkić, M. Busuladžić, E. Hasović, A. Gazibegović-Busuladžić, S. Odžak, and D. B. Milošević, "Ellipticity dependence of the plateau structures in different atomic and molecular processes in strong laser field"](#)

Phys. Scr. T149, 014404

2012

[S. Odžak and D. B. Milošević, "Dressed-bound-state molecular strong-field approximation: application to high-order harmonic generation by heteronuclear diatomic molecules"](#)

J. Opt. Soc. Am. B 29, 2147-2155

2012

[S. Odžak and D. B. Milošević, "Elliptic dichroism, ellipticity and the offset angle of high harmonics generated by arbitrary homonuclear diatomic molecules"](#)

Laser Phys. 22, 1780-1786

2012

[A. Gazibegović-Busuladžić, E. Hasović, S. Odžak, M. Busuladžić, D. B. Milošević, "High-order above-threshold ionization and high-order harmonic generation of molecule: a way of its characterization"](#)

Bulletin of the Chemists and Technologists of Bosnia and Herzegovina 38, 5-12

2012

[M. Busuladžić, E. Hasović, A. Gazibegović-Busuladžić, A. Kramo, S. Odžak, A. Čerkić, B. Fetić and D. B. Milošević, "From the features of the molecular spectra to the shape of molecular orbitals: How to acquire information about molecular structure"](#)

Folia Medica 47 (2) Suppl., p.16

2013

[A. Čerkić, S. Odžak, D. Hadžiahmetović, Statistical physics](#)

University of Sarajevo, Sarajevo

2013

[S. Odžak, A. Čerkić, A. Gazibegović-Busuladžić, E. Hasović, M. Busuladžić, D. B. Milošević, "Laser-induced Processes of Diatomic Molecules: Homonuclear vs. Heteronuclear Species"](#)

Bulletin of the Chemists and Technologists of Bosnia and Herzegovina 41, 20-28

2014

[M. Busuladžić, A. Čerkić, S. Odžak, A. Gazibegović-Busuladžić, E. Hasović, D. Habibović, and D. B. Milošević, "Atomic and molecular processes generated by linearly polarized few-cycle laser pulses"](#)

Phys. Scr. T162, 014008

2014

[S. Odžak, A. Čerkić, M. Busuladžić, E. Hasović, A. Gazibegović-Busuladžić, and D. B. Milošević, "Heteronuclear diatomic molecules in a strong laser field with an arbitrary polarization"](#)

Phys. Scr. T162, 014012

2015

[S. Odžak and D. B. Milošević, "Bicircular-laser-field-assisted electron-ion radiative recombination"](#)

Phys. Rev. A 92, 053416

2015

S. Đug, N. Drešković, S. Odžak, Remote sensing: principles and applications in the natural sciences

University of Sarajevo, Sarajevo

2016

D. Habibović, S. Odžak, M. Busuladžić, E. Hasović, A. Gazibegović-Busuladžić, A. Čerkić, and D. B. Milošević, "Interference structures in nonlinear processes in strong infrared laser fields"

Opt. Quant. Electron. 48, 193

2016

S. Odžak, E. Hasović, and D. B. Milošević, "Strong-field-approximation theory of high-order harmonic generation by polyatomic molecules"

Phys. Rev. A 93, 043413

2016

R. A. Ganeev, S. Odžak, D. B. Milošević, M. Suzuki and H. Kuroda, "Resonance enhancement of harmonics in metal plasmas using tunable mid-infrared pulses"

Laser Phys. 26, 075401

2016

S. Odžak, E. Hasović, W. Becker, and D. B. Milošević, "Atomic processes in bicircular fields"

Journal of Physics: Conference Series 691, 012004

2016

S. Odžak, E. Hasović, A. Kramo, M. Busuladžić, A. Gazibegović-Busuladžić, A. Čerkić, B. Fetić, and D. B. Milošević, "Atomic processes in strong bichromatic elliptically polarized laser fields"

AIP Conference Proceedings 1722, 200007

2016

S. Odžak, E. Hasović, and D. B. Milošević, "High-order harmonic generation in polyatomic molecules induced by a bicircular laser field"

Phys. Rev. A 94, 033419

2017

S. Odžak, E. Hasović, W. Becker, and D. B. Milošević, "Atomic processes in bicircular fields"

Journal of Modern Optics 64, 10-11

2017

S. Odžak, E. Hasović, and D. B. Milošević, "High-order harmonic generation by polyatomic molecules"

Journal of Physics: Conference Series 826, 012007

2017

E. Hasović, S. Odžak, W. Becker, and D. B. Milošević, "High-order harmonic generation in non-planar molecules driven by a bicircular field"

Molecular Physics 115, 15-16

2017

A. Odžak, S. Odžak, Linear algebra and analytic geometry with applications

2018

[D. Habibović, A. Čerkić, M. Busuladžić, A. Gazibegović-Busuladžić, S. Odžak, E. Hasović, and D. B. Milošević, "Molecules in a bicircular strong laser field"](#)

Opt. Quant. Electron. 50, 214

2018

[A. Vidak, N. Erceg, E. Hasović, S. Odžak, and V. Mešić, "Teaching about rolling motion: exploring the effectiveness of an extreme case reasoning approach"](#)

Journal of Baltic Science Education, 17, 3

2018

[A. Vidak, S. Odžak, and V. Mešić, "Teaching about Gauss's Law by Combining Analogical and Extreme Case Reasoning"](#)

Journal of Turkish Science Education, 15, 3

2018

[A. Vidak, S. Odžak, and V. Mešić, "Teaching about thermal expansion: investigating the effectiveness of a cognitive bridging approach"](#)

Research in Science & Technological Education, 37, pp. 324-345

2021

[A. Beganović, S. Stabančić-Dragunić, S. Odžak, A. Skopljak-Beganović, R. Jašić, and I. Sefić- Pašić, "Estimation of Effective Doses to Patients in Whole Body Computed Tomography with Automatic Tube Current Modulation Systems"](#)

CMBEBIH 2021, IFMBE Proceedings 84, pp. 760– 767

2022

[M. Čolić, N. Pervan, M. Delić, A. J. Muminović, S. Odžak, V. Hadžiabdić, "Mathematical modelling of bridge crane dynamics for the time of non-stationary regimes of working hoist mechanism"](#)

ARCHIVE OF MECHANICAL ENGINEERING, 69 (2), pp. 189–202

2022

[A. Akšamović, S. Konjicija, S. Odžak, S. Pašalić, S. Grebović, "DC Cabling of Large-Scale Photovoltaic Power Plants"](#)

Applied Sciences – Basel, 12(9), 4500

2022

[A. Akšamović, S. Odžak, A. Tihak, S. Grebović, S. Konjicija, "DC cable cross-section selection for PV plants"](#)

Journal of Physics: Conference Series 2339, 012001

2023

[A. Akšamović and S. Odžak, "Technological progress and climate change – topic in engineering education"](#)

Pregled

2023

[H. Fajić, A. Beganović, S. Odžak, A. Odžak, "Radiation protection and estimate of commercial aircrew effective doses in Bosnia and Herzegovina"](#)

Radiation Protection Dosimetry, ncad231

2023

A. Akšamović, S. Odžak, A. Fejzić, "Measurement of the Diffuse Component of Solar Radiation." In II International Conference on Physical Aspects of Environment ICPAE2023, pp. 21-29.

University of Novi Sad, Technical Faculty "Mihajlo Pupin", Zrenjanin, Republic of Serbia

Veza http://www.tfzr.uns.ac.rs/icpae/conference/program/!Zbornik_ICPAE2023!.pdf

2023

[E. Huseljić, S. Odžak, A. Beganović, A. Odžak, A. Pandžić, M. Jusufbegović. "Design, Manufacturing and Quality Assessment of 3D-Printed Anthropomorphic Breast Phantom for Mammography." In Mediterranean Conference on Medical and Biological Engineering and Computing, pp. 221-231.](#)

Cham: Springer Nature Switzerland

2024

[A. Akšamović, S. Odžak, A. Odžak, A. Fejzić "Thermal stress of photovoltaic panels"](#)

AIP Conf. Proc. 3063, 020001

2024

[S. Abend et al., "Terrestrial very-long-baseline atom interferometry: Workshop summary"](#)

AVS Quantum Sci. 6, 024701

2025

[A. Abdalla et al., "Terrestrial very-long-baseline atom interferometry: summary of the second workshop"](#)

EPJ Quantum Technology, 12, 42

2025

[S Odžak, "Propagation of standard and elegant Laguerre–Gaussian vortex beams through a gradient-index medium"](#)

Optical and Quantum Electronics 57 (5), 300

2025

[A. Akšamović, S. Odžak, "Estimation of Single-Diode Model Parameters of Photovoltaic Panels Using Four Points on the I-V Curve"](#)

Naziv časopisa: 2025 MIPRO 48th ICT and Electronics Convention, Opatija, Croatia | **Tom, izdanje i stranice:** 1703--1707 | **Izdavač:** IEEE

● VOZAČKA DOZVOLA

Vozačka dozvola: B

● KONFERENCIJE I SEMINARI

16/04/2002 – 22/04/2002 Thessaloniki, Greece

"Four Seas Conference" organized by Physicists without borders, "Physics, astrophysics and cosmology"

05/06/2003 – 15/06/2003 Erice, Italy

37th course of the International School of Quantum Electronics: "Atoms, Solids and Plasmas in Super-Intense Laser Fields"

27/06/2004 – 02/07/2004 Lindau, Germany

54th Lindau Nobel Laureate Meeting (Physics)

12/07/2004 – 16/07/2004 Trieste, Italy

S. Odžak and D. B. Milošević, "High-order harmonic generation in presence of a static field", 13th International Laser Physics Workshop (LPHYS'04)

09/10/2005 – 14/10/2005 Quebec, Canada

S. Odžak and D. B. Milošević, "High-harmonic generation in presence of a static field: a way to attosecond pulse generation", 10th International Conference on Multiphoton Processes (ICOMP 2005)

01/2006 Fojnica, Bosnia and Herzegovina

S. Odžak, "Achieving high laser field intensities", Seminar for physics teachers and professors

09/04/2006 – 11/04/2006 Imperial College, London, United Kingdom

S. Odžak and D. B. Milošević, "High-order harmonic generation in the presence of a static electric field: Attosecond pulse generation by a coplanar circular and static field combination", Ultrafast Dynamic Imaging Workshop

30/06/2008 – 04/07/2008 Trondheim, Norway

S. Odžak and D. B. Milošević, "Strong-field approximation for molecular high-order harmonic generation: the influence of the laser-field dressing of the bound states on the interference pattern in harmonic spectra", LPHYS'08

30/06/2008 – 04/07/2008

D. B. Milošević, E. Hasović, S. Odžak, M. Busuladžić, A. Gazibegović-Busuladžić, W. Becker, „New results in above-threshold ionization and high-order harmonic generation of atomic and molecular systems“, LPHYS'08

20/12/2008 – 22/12/2008 Teslić, Bosnia and Herzegovina

B. Fetić, A. Kramo, A. Gazibegović-Busuladžić, S. Odžak, E. Hasović, A. Čerkić, M. Busuladžić, D. B. Milošević, "Atomic and molecular processes in a strong laser field“, The first congress of physicists of Bisnoa and Herzegovina

13/07/2009 – 17/07/2009 Barcelona, Spain

S. Odžak and D. B. Milošević, "A new interference formula for high-order harmonic generation by arbitrary homonuclear diatomic molecular systems", 18th International Laser Physics Workshop (LPHYS'09)

11/07/2011 – 15/07/2011 Sarajevo, Bosnia and Herzegovina

S. Odžak and D. B. Milošević, "Elliptic dichroism, ellipticity and the offset angle of high harmonics generated by arbitrary diatomic molecules", Talk, 20th Laser Physics Workshop (LPHYS'11)

29/08/2011 – 02/09/2011 Belgrade, Serbia

A. Čerkić, M. Busuladžić, E. Hasović, A. Gazibegović-Busuladžić, S. Odžak, D. B. Milošević, "Ellipticity dependence of the plateau structures in different atomic and molecular processes in strong laser field", PHOTONICA'11

26/08/2013 – 30/08/2013 Belgrade, Serbia

S. Odžak, A. Čerkić, M. Busuladžić, E. Hasović, A. Gazibegović-Busuladžić, D. B. Milošević, "Heteronuclear diatomic molecules in a strong laser field with an arbitrary polarization", PHOTONICA'13

26/08/2013 – 30/08/2013 Belgrade, Serbia

M. Busuladžić, A. Čerkić, S. Odžak, A. Gazibegović-Busuladžić, E. Hasović, D. Habibović, D. B. Milošević, "Atomic and molecular processes generated by linearly polarized few-cycle laser pulses", PHOTONICA'13

13/03/2015 – 15/03/2015 Sarajevo, Bosnia and Herzegovina

A. Beganović, M. Modronja, S. Odžak, A. Skopljak-Beganović, M. Gazdić-Šantić, "Internal exposure arising from intravenous administration of F-18 fluorodeoxyglucose", CMBEBiH 2015

13/03/2015 – 15/03/2015 Sarajevo, Bosnia and Herzegovina

D. Habibović, E. Hasović, A. Gazibegović-Busuladžić, S. Odžak, A. Čerkić, M. Busuladžić, D. B. Milošević, "Laser – induced nonlinear processes in molecules", CMBEBiH 2015

24/07/2015 – 27/07/2015 Istanbul, Turkey

S. Odžak, E. Hasović, A. Kramo, M. Busuladžić, A. Gazibegović-Busuladžić, A. Čerkić, B. Fetić, D. B. Milošević, "Atomic processes in strong bichromatic elliptically polarized fields", BPU - 9

21/08/2015 – 25/08/2015 Shanghai, China

S. Odžak, E. Hasović, D. B. Milošević, W. Becker, "Atomic processes in bicircular fields", Talk, 24th annual International Laser Physics Workshop (LPHYS'15)

24/08/2015 – 28/08/2015 Belgrade, Serbia

D. Habibović, S. Odžak, M. Busuladžić, E. Hasović, A. Gazibegović-Busuladžić, A. Čerkić, D. B. Milošević, "Interference structures in nonlinear processes in strong infrared laser fields", PHOTONICA'15

11/07/2016 – 15/07/2016 Yerevan, Armenia

S. Odžak, E. Hasović, D. B. Milošević, "High-Order Harmonic Generation by Polyatomic Molecules", Talk, 25th Annual International Laser Physics Workshop (LPHYS'16)

25/01/2022 – 25/01/2022 Sarajevo, Bosnia and Herzegovina

A. Akšamović, S. Odžak, "Technological progress and climate change – topic in engineering education", Talk, CONFERENCE The Future of Education: Higher Education for Sustainable Development 2030

31/03/2022 – 02/04/2022 Zrenjanin, Serbia

A. Akšamović and S. Odžak, "Digital transformation: causes, consequences, expectations", Invited talk, Physical Aspects of Environment ICPAE2022

22/06/2022 – 24/06/2022 Varna, Bulgaria

A. Akšamović, S. Odžak, A. Tihak, S. Grebović, S. Konjicija, "DC cable cross-section selection for PV plants", Talk, International Conference on Electronics, Engineering Physics and Earth Science (EEPES 2022)

30/06/2022 – 01/07/2022 Sarajevo, Bosnia and Herzegovina

S. Odžak, A. Beganović, M. Jusufbegović, A. Pandžić, "Design of three-dimensionally-printed anthropomorphic phantom for mammography", Talk, International Physics Conference in Bosnia and Herzegovina

21/06/2023 – 23/06/2023 Kavala, Greece

A. Akšamović, S. Odžak, A. Odžak, A. Fejzić, "Thermal stress of photovoltaic panels", Talk, International Conference on Electronics, Engineering Physics and Earth Science (EEPES 2023)

24/08/2023 – 26/08/2023 Zrenjanin, Serbia

A. Akšamović, S. Odžak, A. Fejzić, "Measurement of the Diffuse Component of Solar Radiation", Invited talk, Physical Aspects of Environment ICPAE2023

14/09/2023 – 16/09/2023 Sarajevo, Bosnia and Herzegovina

E. Huseljić, S. Odžak, A. Beganović, A. Odžak, A. Pandžić, M. Jusufbegović, "Design manufacturing and quality assessment of 3D-printed anthropomorphic breast phantom for mammography", Talk, CMBEBIH'23

Veza <https://www.cmbebih.com/index.php/program>

02/06/2025 – 06/06/2025 Opatija, Croatia

A. Akšamović, S. Odžak, "Estimation of Single-Diode Model Parameters of Photovoltaic Panels Using Four Points on the I – V Curve", Talk, 48th ICT and Electronics Convention MIPRO 2025

● PROJEKTI

2001 – 2005

„Control of Atomic Processes with Strong Fields“, Volkswagen Foundation, Programme: „Cooperation with Natural and Engineering Scientists in Central and Eastern Europe“, voditelj projekta: prof. dr. Dejan Milošević

2004

„Atomski i molekularni procesi u jakom laserskom polju“, Federalno ministarstvo obrazovanja i nauke, voditelj projekta: prof. dr. Dejan Milošević

2007 – 2008

„Jonizacija dvoatomskih molekula i generacija viših harmonika pomoću jakog laserskog polja“, Federalno ministarstvo obrazovanja i nauke, voditelj projekta: prof. dr. Dejan Milošević

2009

„Primjena jakih laserskih polja u atofizici i atohemiji“, Federalno ministarstvo obrazovanja i nauke, voditelj projekta: prof. dr. Dejan Milošević

2010 – 2012

„Towards a quantitative strong-field approximation and its application to attoscience“, Alexander von Humboldt foundation, voditelj projekta: prof. dr. Dejan Milošević

2013 – 2014

„Analiza spektara poliatomskih molekula“, Federalno ministarstvo obrazovanja i nauke, voditelj projekta: doc. dr. Azra Gazibegović-Busuladžić

2014 – 2015

„Rezonantna pojačanja u jonizacionim spektrima molekula“, Federalno ministarstvo obrazovanja i nauke, voditelj projekta: doc. dr. Elvedin Hasović

2016 – 2017

„Nelinearni atomski procesi u jakom bihromatskom laserskom polju“, Federalno ministarstvo obrazovanja i nauke, voditelj projekta: prof. dr. Senad Odžak

2017 – 2018

„Identifikacija i prostorna distribucija polutanata u zraku u Sarajevskoj kotlini – aktuelno stanje i mjere ublažavanja“, Fonda za zaštitu okoliša FBiH, voditelj projekta: prof. dr. Nusret Drešković

2018 – 2020

Član Management Committee (MC) ispred Bosne i Hercegovine u CA COST Action CA16221 „Quantum Technologies with Ultra-Cold Atoms“

2021 – 2022

„Modeliranje termičke slike fotonaponskog sistema“, Federalno ministarstvo obrazovanja i nauke, voditelj projekta: prof. dr. Senad Odžak

2022 – TRENUTNO

Član Management Committee (MC) ispred Bosne i Hercegovine u CA COST Action CA21128 „PROton BOron Nuclear fusion: from energy production to medical applicatiOns“

2023 – TRENUTNO

Razvoj modela vještačke inteligencije u predviđanju bolesti dojke i njegova evaluacija pomoću 3D-printanog antropomornog fantoma, Ministarstvo za nauku, visoko obrazovanje i mlade Kantona Sarajevo, voditelj projekta: prof. dr. Adnan Šehić

2023 – TRENUTNO

„Modeliranje serijsko-paralelne konfiguracije PV modula”, Federalno ministarstvo obrazovanja i nauke, voditelj projekta: prof. dr. Abdulah Akšamović

● PRIZNANJA I NAGRADE

2008

Plaketa Federalnog ministarstva obrazovanja i nauke BiH za rad sa mladim talentima iz fizike (2007./2008.) – Federalno ministarstvo obrazovanja i nauke

2009

Diploma Federalnog ministarstva obrazovanja i nauke BiH za rad sa mladim talentima iz fizike (2008./2009.) – Federalno ministarstvo obrazovanja i nauke

2010

Diploma Federalnog ministarstva obrazovanja i nauke BiH za rad sa mladim talentima iz fizike (2009./2010.) – Federalno ministarstvo obrazovanja i nauke

● PROGRAMMING COURSES

15/05/2006 – 20/05/2006

Java Programming 10g – Oracle u organizaciji Centra za kompjutersku edukaciju CCED

2020

Data Engineer Bootcamp, Data Stack Academy (online)

2021

Codecta's Fullstack Academy (Java, React, Quarkus, Flutter)

2021

Complete Python Bootcamp From Zero to Hero in Python, Udemy (online)

2021

Python for Data Science and Machine Learning Bootcamp, Udemy (online)

● VEŠTINE UPRAVLJANJA I RUKOVOĐENJA

Koordinator međunarodnog Tempus projekta pod nazivom „Quality in Research (517097-TEMPUS-1-2011-1-BA-TEMPUS-JPGR)” - nosilac Univerzitet u Sarajevu (2013.-2014.)

Šef Odsjeka za fiziku Prirodno-matematičkog fakulteta Univerziteta u Sarajevu (2012.-2016.)

Prodekan za opće poslove i finansije Prirodno-matematičkog fakulteta Univerziteta u Sarajevu (2016.- 2020.)

Šef Kabineta za opću fiziku Prirodno-matematičkog fakulteta Univerziteta u Sarajevu (2020. - 2021.)

● ORGANIZACIONE VEŠTINE

Član lokalnog organizacionog komiteta (LOK-a) dvadesete internacionalne naučne konferencije LASER PHYSICS 2011, Sarajevo (Bosna i Hercegovina) (11.07. – 15.07.2011.)

Član organizacionog komiteta SARAJEVO SCHOOL OF HIGH ENERGY PHYSICS 2013 (SSHEP 2013), Odsjek za fiziku, Prirodno-matematički fakultet Sarajevo (Bosna i Hercegovina) (21.05. – 25.05.2013.)

Član organizacionog komiteta SARAJEVO SCHOOL OF HIGH ENERGY AND MEDICAL PHYSICS 2014 (SSHEMP 2014), Odsjek za fiziku, Prirodno-matematički fakultet Sarajevo (Bosna i Hercegovina) (19.05. – 24.05.2014.)

Član organizacionog komiteta SPLIT SCHOOL OF HIGH ENERGY PHYSICS 2015 (SSHEP 2015), Fakultet elektrotehnike, strojarstva i brodogradnje (FESB) Split (Hrvatska) (14.09. – 18.09.2015.)
