



Dino Habibović

Datum rođenja: 01/12/1990 | **Državljanstvo:** bosansko-hercegovačko |

Spol: Muško | **Telefonski broj:** (+387) 62152539 (Mobilni telefon) | **Telefonski**

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Adresa: Grbavička 83, 71000, Sarajevo, Bosna i Hercegovina (Kućna)

● RADNO ISKUSTVO

03/03/2014 – 18/11/2017

ASISTENT UNIVERZITET U SARAJEVU, PRIRODNO-MATEMATIČKI FAKULTET

Adresa Zmaja od Bosne 33-35, 71000, Sarajevo, Bosna i Hercegovina | **Internetske stranice** www.pmf.unsa.ba

19/11/2017 – 30/06/2022

VIŠI ASISTENT UNIVERZITET U SARAJEVU, PRIRODNO-MATEMATIČKI FAKULTET

Adresa Zmaja od Bosne 33-35, 71000, Sarajevo, Bosna i Hercegovina | **Internetske stranice** www.pmf.unsa.ba

01/07/2022 – TRENUTAČNO Sarajevo

DOCENT UNIVERZITET U SARAJEVU, PRIRODNO-MATEMATIČKI FAKULTET

Adresa Zmaja od Bosne 33-35, 71000, Sarajevo, Bosna i Hercegovina | **Internetske stranice** www.pmf.unsa.ba

● OBRAZOVANJE I OSPOSOBLJAVANJE

2016 – 2021 Sarajevo, Bosna i Hercegovina

DOKTOR NAUKA/ZNANOSTI FIZIKE Univerzitet u Sarajevu, Prirodno-matematički fakultet

Adresa Zmaja od Bosne 33-35, Sarajevo, Bosna i Hercegovina | **Internetske stranice** www.pmf.unsa.ba |

Područje studija Fizika i srodne znanosti | **Razina Europskoga kvalifikacijskog okvira** razina 8 EKO-a

2013 – 2016 Sarajevo, Bosna i Hercegovina

MAGISTAR FIZIKE Univerzitet u Sarajevu, Prirodno-matematički fakultet

Adresa Zmaja od Bosne 33-35, Sarajevo, Bosna i Hercegovina | **Internetske stranice** www.pmf.unsa.ba |

Područje studija Fizika i srodne znanosti | **Razina Europskoga kvalifikacijskog okvira** razina 7 EKO-a

2009 – 2013 Sarajevo, Bosna i Hercegovina

BAKALAUREAT/BACHELOR FIZIKE Univerzitet u Sarajevu, Prirodno-matematički fakultet

Adresa Zmaja od Bosne 33-35, Sarajevo, Bosna i Hercegovina | **Internetske stranice** www.pmf.unsa.ba |

Područje studija Fizika i srodne znanosti | **Razina Europskoga kvalifikacijskog okvira** razina 6 EKO-a

2005 – 2009 Sarajevo, Bosna i Hercegovina

MATURANT GIMNAZIJE Treća gimnazija

Adresa Vilsonovo šetalište 16, Sarajevo, Bosna i Hercegovina | **Internetske stranice** www.treca-gimnazija.edu.ba |

Područje studija Osnovni programi | **Razina Europskoga kvalifikacijskog okvira** razina 4 EKO-a

Adresa Grbavička 14, Sarajevo, Bosna i Hercegovina | **Internetske stranice** www.osgrbavica1.edu.ba |

Područje studija Osnovni programi | **Razina Evropskoga kvalifikacijskog okvira** razina 1 EKO-a

Adresa Logavina 52, Sarajevo, Bosna i Hercegovina | **Internetske stranice** www.osmmba.edu.ba |

Područje studija Osnovni programi | **Razina Evropskoga kvalifikacijskog okvira** razina 1 EKO-a

● JEZIČNE VJEŠTINE

Materinski jezik/jezici: **BOSANSKI**

Drugi jezici:

	RAZUMIJEVANJE		GOVOR		PISANJE
	Slušanje	Čitanje	Govorna produkcija	Govorna interakcija	
ENGLESKI	C2	C2	C2	C2	C2
NJEMAČKI	A1	A2	A1	A1	A1

Razine: A1 i A2: temeljni korisnik; B1 i B2: samostalni korisnik; C1 i C2: iskusni korisnik

● DIGITALNE VJEŠTINE

Internet | MS Office (Word Excel PowerPoint) | Iskustvo u programiranju Fortran programskim jezikom | Rad u programskom paketu MATLAB | Gnuplot | Grace | Rad na računaru

● DODATNE INFORMACIJE

NAUČNI RADOVI PREMA BAZI PODATAKA WEB OF SCIENCE CORE COLLECTION (WOSCC)

1. 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).

DOI: [10.1088/0031-8949/2014/T162/014008](https://doi.org/10.1088/0031-8949/2014/T162/014008)

2. 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. Quantum Electron.* 48, 193 (2016).

DOI: [10.1007/s11082-016-0451-z](https://doi.org/10.1007/s11082-016-0451-z)

3. J. Dakić, D. Habibović, A. Čerkić, M. Busuladžić, and D. B. Milošević, "Electron-molecule scattering in a strong laser field: Two-center interference effects" *Phys. Rev. A* 96, 043406 (2017).

DOI: [10.1103/PhysRevA.96.043406](https://doi.org/10.1103/PhysRevA.96.043406)

4. A. Korajac, D. Habibović, A. Čerkić, M. Busuladžić, and D. B. Milošević, "Electron-atom potential scattering assisted by a bichromatic elliptically polarized laser field" *Eur. J. Phys. D* 71, 251 (2017).

DOI: [10.1140/epjd/e2017-80405-2](https://doi.org/10.1140/epjd/e2017-80405-2)

5. 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. Quantum Electron.* 50, 214 (2018).

DOI: [10.1007/s11082-018-1480-6](https://doi.org/10.1007/s11082-018-1480-6)

6. A. Gazibegović-Busuladžić, D. Habibović, M. Busuladžić, and D. B. Milošević, "Molecular strong-field approximation for photodetachment of electrons from homonuclear diatomic molecular anions", *J. Opt. Soc. Am.* **37**, 813 (2020).

DOI: [10.1364/JOSAB.383916](https://doi.org/10.1364/JOSAB.383916)

7. D. Habibović, A. Gazibegović-Busuladžić, M. Busuladžić, A. Čerkić, and D. B. Milošević, "Strong-field ionization of homonuclear diatomic molecules using orthogonally polarized two-color laser fields", *Phys. Rev. A* **102**, 023111 (2020).

DOI: [10.1103/PhysRevA.102.023111](https://doi.org/10.1103/PhysRevA.102.023111)

8. D. Habibović and D. B. Milošević, "Ellipticity of high-order harmonics generated by aligned homonuclear diatomic molecules exposed to an orthogonal two-color laser field", *Photonics* **7**, 110 (2020).

DOI: [10.3390/photonics7040110](https://doi.org/10.3390/photonics7040110)

9. D. Habibović, W. Becker, and D. B. Milošević, "High-order harmonic generation by aligned heteronuclear diatomic molecules in an orthogonally polarized two-color laser field", *Eur. J. Phys. D* **75**, 122 (2021).

DOI: [10.1140/epjd/s10053-021-00133-4](https://doi.org/10.1140/epjd/s10053-021-00133-4)

10. D. Habibović, A. Gazibegović-Busuladžić, M. Busuladžić, and D. B. Milošević, "Strong-field ionization of heteronuclear diatomic molecules using an orthogonally polarized two-color laser field", *Phys. Rev. A* **103**, 053101 (2021).

DOI: [10.1103/PhysRevA.103.053101](https://doi.org/10.1103/PhysRevA.103.053101)

11. D. Habibović, W. Becker, and D. B. Milošević, "High-order harmonic generation by planar polyatomic molecules exposed to an orthogonally polarized two-color laser field", *J. Phys. B* **54**, 134004 (2021).

DOI: [10.1088/1361-6455/ac0394](https://doi.org/10.1088/1361-6455/ac0394)

12. D. Habibović, W. Becker, and D. B. Milošević, "Symmetries and selection rules of the spectra of photoelectrons and high-order harmonics generated by field-driven atoms and molecules", *Symmetry* **13**, 1566 (2021).

DOI: [10.3390/sym13091566](https://doi.org/10.3390/sym13091566)

13. D. Habibović, W. Becker, and D. B. Milošević, "Attosecond pulse trains with elliptical polarization from an orthogonally polarized two-color field", *J. Opt. Soc. Am.* **38**, 3367 (2021).

DOI: [10.1364/JOSAB.428409](https://doi.org/10.1364/JOSAB.428409)

14. D. Habibović, A. Gazibegović-Busuladžić, M. Busuladžić, and D. B. Milošević, "Characteristics of the molecular above-threshold ionization by a bichromatic elliptically polarized field with co-rotating components", *J. Phys. B* **55**, 085601 (2022).

DOI: [10.1088/1361-6455/ac6555](https://doi.org/10.1088/1361-6455/ac6555)

15. D. B. Milošević and D. Habibović, "Nondipole effects in terahertz-pulse-assisted strong-field ionization", *Opt. Express* **30**, 29979 (2022).

DOI: [10.1364/OE.468146](https://doi.org/10.1364/OE.468146)

16. D. Habibović, A. Gazibegović-Busuladžić, M. Busuladžić, and D. B. Milošević, "Strong-field ionization of diatomic molecules: quantum interferences and a semi-classical model", *Opt. Quantum Electron.* **54**, 505 (2022).

DOI: [10.1007/s11082-022-03895-2](https://doi.org/10.1007/s11082-022-03895-2)

17. D. Habibović, W. Becker, and D. B. Milošević, "High-order harmonic generation by two linearly polarized laser fields with an arbitrary angle between their polarization axes", *Phys. Rev. A* **106**, 023119 (2022).

DOI: [10.1103/PhysRevA.106.023119](https://doi.org/10.1103/PhysRevA.106.023119)

18. D. Habibović and D. B. Milošević, "Strong-field ionization of atoms beyond dipole approximation", *Phys. Rev. A* **106**, 033101 (2022).

DOI: [10.1103/PhysRevA.106.033101](https://doi.org/10.1103/PhysRevA.106.033101)

NAUČNI RADOVI U ČASOPISIMA KOJE NE PRATI BAZA WOSCC

1. D. Habibović, W. Becker, and D. B. Milošević, "Generation of elliptically polarized high-order harmonics exposing aligned diatomic molecules to orthogonally polarized two-color fields", *JW1A.21*, (2020).

In: Proceedings of the OSA High-brightness Sources and Light-driven Interactions Congress
Available from: OSA digital library <https://www.osapublishing.org/conference.cfm?meetingid=119&yr=2020>

2. D. Habibović, A. Gazibegović-Busuladžić, M. Busuladžić, A. Čerkić, and D. B. Milošević, "Laser-induced processes with homonuclear diatomic molecules in orthogonally polarized two-color laser field", *J. Phys. Conf. Ser.* **1814**, 012001 (2021).

DOI: [10.1088/1742-6596/1814/1/012001](https://doi.org/10.1088/1742-6596/1814/1/012001)

KONFERENCIJE I SEMINARI

2013-2020

1. 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", IV International School and Conference on Photonics, Belgrade, Serbia, August 26 - August 30, Poster Session B – Lasers, laser spectroscopy, Book of Abstracts, p. 72 (2013)
2. D. Habibović, E. Hasović, A. Gazibegović-Busuladžić, S. Odžak, A. Čerkić, M. Busuladžić, and D. B. Milošević, "Laser – induced nonlinear processes in molecules", Poster, The 1st Conference of Medical and Biological Engineering in Bosnia and Herzegovina (CMBEBiH 2015), Sarajevo, Bosnia and Herzegovina, March 13 - March 15 (2015)
3. 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", Poster, The Fifth International School and Conference on Photonics - Photonica 2015, Belgrade, Serbia, August 24 - August 28 (2015)
4. D. Habibović, A. Čerkić, M. Busuladžić, A. Gazibegović-Busuladžić, S. Odžak, E. Hasović, and D. B. Milošević, "Molecules in a bicircular strong laser field", Poster, The Sixth International School and Conference on Photonics – Photonica 2017, Book of Abstract, 2. Nonlinear Optics, N.O.7, p. 65, Belgrade, Serbia, August 28 - September 1 (2017)
5. D. Habibović, S. Odžak, and D. B. Milošević, "Strong-field processes in orthogonally polarised two-colour laser field", Quantum Dynamics in Tailored Intense Fields (QUTIF) research school, poster presentation, Freiburg, October 7 - October 10, 2019.
6. D. Habibović, A. Gazibegović-Busuladžić, M. Busuladžić, A. Čerkić, and D. B. Milošević, "Laser-induced processes in orthogonally polarized two-color laser field", predavanje, International Physics Conference in Bosnia and Herzegovina, Akademija nauka i umjetnosti Bosne i Hercegovine, Sarajevo, October 19 (2020)
7. D. Habibović, W. Becker, and D. B. Milošević, "Generation of elliptically polarized high-order harmonics exposing aligned diatomic molecules to orthogonally polarized two-color fields", poster, High Intensity Lasers and High Field Phenomena, Optical Society of America, JW1A. 21, November 16 (2020)
8. D. Habibović, W. Becker, and D. B. Milošević, "High-order harmonic generation by heteronuclear diatomic molecules exposed to an orthogonal two-color laser field", poster, III QUTIF (Quantum Dynamics in Tailored Intense Fields) young research meeting, online event, Oldenburg, November 30 – December 2, (2020)

2021-2022

1. D. Habibović, A. Gazibegović-Busuladžić, M. Busuladžić, and D. B. Milošević, "Strong-field ionization of diatomic molecules and molecular anions: Interferences and classical model", poster, Photonica 2021, VIII International School and Conference on Photonics, Belgrade, Serbia, August 23 - August 27 (2021)
2. D. Habibović, W. Becker, and D. B. Milošević, "Strong-field processes driven by tailored laser fields", Young Scientist Symposium 2021, AttoChem Action, Theoretical methods for ultrafast dynamics, Book of Abstracts, p. 31, September 14 - September 17 (2021)
3. M. Šišić, D. Habibović, and D. B. Milošević, "Control of odd and even harmonic generation by bichromatic elliptically polarized fields", poster, Book of Abstract, p. 49, Year 3, Volume 3, ISSN 2744-1059, International Physics Conference in Bosnia and Herzegovina, Sarajevo, June 30 – July 1 (2022)

4. D. Habibović and D. B. Milošević, "Strong-field ionization of atoms beyond dipole approximation", poster, QUTIF (Quantum Dynamics in Tailored Intense Fields) Final Colloquium, Bad Honnef, Germany, 28 August – 1 September (2022)
5. D. Habibović and D. Milošević, "Application of the saddle-point method and quantum-orbit theory to ionization by a bichromatic elliptically polarized field", poster P17, The 3rd Annual Workshop of the AttoChem COST action CA18222, Prague, Czech Republic, September 18 - September 21 (2022)

MREŽE I ČLANSTVA

Članstva 1. Član Društva fizičara u Federaciji Bosne i Hercegovine

POČASTI I NAGRADE

- Priznanja i nagrade** 1. Zlatna značka Univerziteta u Sarajevu (2013).
2. Učenik generacije - Treća gimnazija (2009).
3. Ponos generacije - Grbavica 1 (2005).

KOMUNIKACIJSKE I MEĐULJUDSKE VJEŠTINE

Komunikacijske i međuljudske vještine

- Timski duh.
- Dobre komunikacijske vještine zahvaljujući iskustvu na radnom mjestu asistenta.
- Dobre prezentacijske sposobnosti stečene na seminarima i konferencijama.
- Dobra kontrola emocija u emocionalno zasićenim situacijama.

CERTIFIKATI

Certifikati

TRAIN program - namijenjen akademskom osoblju Univerziteta u Sarajevu, i usklađen je sa evropskim standardima u oblasti visokog obrazovanja, te omogućava stjecanje znanja, vještina i kompetencija u područjima nastave, istraživanja i komunikacijskih vještina