CV

1. Mbiemri:	Zeqiraj
2. Emri:	Arbër
3. Nacionaliteti:	Shqiptar
4. Shtetësia:	Kosovar
5. Data e lindjes:	21.08.1983
6. Gjinia:	Mashkull
7. Detajet kontaktuese:	
Email:	arber.zeqiraj@umib.net
Tel:	+383 (0) 44 565 229
Data e plotësimit	16.11.2026
8. Niveli arsimor:	
Institucioni:	Universiteti i Prishtinës, Fakulteti i Shkencave Matematikore-Natyrore Departamenti i Fizikës
Data e diplomimit:	2007
Diploma:	Inxhinier i Fizikës
Institucioni:	Universiteti i Prishtinës, Fakulteti i Shkencave Matematikore-Natyrore Departamenti i Fizikës
Data e diplomimit:	2014
Fusha	Metrologji
Diploma/Mikroteza:	Master i Shkencave të Fizikës / Sfidat dhe perspektiva e sistemit të metrologjisë në Kosovë
Institucioni:	Universiteti Politeknik i Tiranës Fakulteti i Inxhinierisë Matematike dhe Inxhinierisë Fizike Departamenti i Inxhinierisë Fizike
Data e diplomimit:	15.07.2025
Fusha	Fizika e materialeve
Punimi i doktorratës	Studimi i vetive termofizike të përzierjeve treshe alkanol (C_1-C_4) + cikloheksan + benzen (dhe disa derivateve të tij) në rajonin e temperaturave nga 20 deri në 60 ^oC dhe shtypje lokale atmosferike
Diploma/Doktorrata:	Dr. sc.

9. Thirrja akademike:	
Institucioni	**Univesiteti i Mitrovicës "Isa Boletini", Fakulteti i Gjeoshkencave**
Data e thirrjes:	**14.10.2014**
	Asistent
9.1 Thirja akademike:	**Profesor asistent**

Institucioni	**Univesiteti i Mitrovicës "Isa Boletini", Fakulteti i Gjeoshkencave**
Data e thirrjes:	**25.09.2026**

10. Përvoja Profesionale – menaxheriale :

Data:	**Shtator 2007 – Qershor 2016**
Vendi:	Prishtinë
Emri i institucionit:	Institucioni arsimor privat, shkolla e mesme "LUARASI"
Pozita:	Profesor i fizikës
Përshkrimi:	Ligjërata dhe ushtrime të kursit të fizikës së përgjithshme.
Data:	**Tetor 2013 – 2019**
Vendi:	Prishtinë
Emri i institucionit:	Universiteti i Prishtinës "Hasan Prishtina" Fakulteti i shkencave matematikore-natyrore Departamenti i fizikës
Pozita:	**Asistent – i angazhuar**
Përshkrimi:	Ushtime numerike dhe laboratorike në lëndët: Bazat e Matjeve në Fizikë, Fizikë e Përgjithshme I, Fizikë e Përgjithshme II, për studentët e vitit të parë dhe të dytë. Metodat eksperimentale në Fizikë dhe Bazate e nanoshkences niveli master.
Data:	**Tetor 2014 – Shtator 2026**
Vendi:	Mitrovicë
Emri i institucionit:	Universiteti i Mitrovicës "Isa Boletini" Fakulteti i Gjeoshkencave

11. Publikimet shkencore:

Revistat shkencore

Nr	**Emri i autorit/autorëve/Titulli i punimit**	Emri i revistës	**Viti/ Volumi/ Faqet**
1.	Arbër Zeqiraj, Ariel Hernández, Naim Syla, Rilindë Raçi and Fisnik Aliaj *Densities and sound speeds of binary mixtures cyclohexane + benzene (or toluene, or ethylbenzene or o-, m-, p-xylene) within temperature range (293.15-333.15) K and ambient pressure: Experimental, correlation and modeling study*	Journal of Chemical & Engineering Data DOI: 10.1021/acs.jced.3c00363	2023, 68, 12, 3110–3125
2.	Arbër Zeqiraj, Artan Llozana, Altin Gjevori, Tahir Arbneshi, Rozafa Krasniqi and Verona Elshani *Densities and Excess Molar Volumes of the Butan-1-ol + Cyclohexane + Benzene Ternary System within the Temperature*	Journal of Chemical & Engineering Data DOI: 10.1021/acs.jced.4c00235	2024, 69, 8, 2700–2712

	Range (293.15−333.15) K and under Ambient Pressure		
3.	Arbër Zeqiraj, Altin Gjevori, Artan Llozana, Naim Syla and Fisnik Aliaj *Thermodynamic Properties of Ethanol + Pyridine, Ethanol + Benzene, and Pyridine + Benzene Mixtures at Temperature 298.15 K and Under Atmospheric Pressure*	International Journal of Thermodynamics DOI: 10.5541/ijot.1173589	2023, 26, 48-55
4.	Fisnik Aliaj, Altin Gjevori, Artan Llozana, Naim Syla, Granita Zenuni, Tahir Arbneshi and Arbër Zeqiraj *Thermophysical properties of the 2-methylpropan-1-ol + cyclohexane + benzene ternary system and its binary subsystems within the temperature range (293.15 - 333.15) K and under ambient pressure*	International Journal of Thermophysics DOI: 10.1007/s10765-023-03222-1	2023 44, 113
5.	Fisnik Aliaj and Arbër Zeqiraj *Thermodynamic excess properties of binary mixtures of methanol + pyridine, methanol + benzene, and pyridine + benzene at several temperatures and atmospheric pressure*	Physica and Chemistry of Liquids DOI: 10.1080/00319104.2023.2188213	2023, 61, 240-252
6.	Artan Llozana, Arbër Zeqiraj, Altin Gjevori, Naim Syla and Fisnik Aliaj *Thermodynamic excess properties of the methyl tert-butyl ether + benzene + cyclohexane ternary system and its binary subsystems at temperature T = (293.15, 298.15, 303.15, and 313.15) K and ambient pressure*	Physica and Chemistry of Liquids DOI: 10.1080/00319104.2024.2405912	2024, 63, 289-303
7.	Fisnik Aliaj, Ariel Hernández, Rozafa Krasniqi, Verona Elshani, Naim Syla, Miranda Misini and Arbër Zeqiraj *A study on thermophysical properties of binary mixtures of n-hexane with benzene and some alkyl-substituted benzenes within temperature range (293.15–323.15) K: Experimental and modeling approach*	Fluid Phase Equilibria DOI: 10.1016/j.fluid.2024.114129	2024, 584, 114129
8.	Fisnik Aliaj, Ariel Hernández and Arbër Zeqiraj	International Journal of Thermophysics	2024 45,136

	Experimental and Modeling Study on Mixing Properties of Ternary System Methyl tert-Butyl Ether + n-Hexane + Cyclohexane at 298.15 K	DOI: 10.1007/s10765-024-03423-2	
9.	Naim Syla, Fisnik Aliaj, Ariel Hernández and Arbër Zeqiraj *Thermophysical Properties of Propan-1-ol + Cyclohexane + Benzene and the Binary Mixtures Propan-1-ol + Cyclohexane and Propan-1-ol + Benzene at Six Temperatures and Atmospheric Pressure: Experimental Data and Modeling*	International Journal of Thermophysics DOI: 10.1007/s10765-025-03654-x	2025, 46, 183
10.	Fisnik Aliaj, Naim Syla, Ardita Kurtishaj, Njomza Elezaj, Zeqë Tolaj, Tahir Arbneshi and Arbër Zeqiraj *Densities, Refractive Indices, and Derived Properties of Binary Mixtures of Ethanol with Benzene and Pyridine at Various Temperatures Under Atmospheric Pressure*	International Journal of Thermophysics DOI: 10.1007/s10765-020-02632-9	2020, 41, 49
11.	Fisnik Aliaj, Ariel Hernández, Arbër Zeqiraj, Naim Syla and Tahir Arbneshi *Physical Properties of the Ternary System Toluene + n-Hexane + Cyclohexane at 298.15 K: Experimental and Modeling Study*	International Journal of Thermophysics DOI: 10.1007/s10765-023-03300-4	2024, 45, 3
12.	Tahir Arbneshi, Ardit Qerimi Arbër Zeqiraj, Naim Syla and Fisnik Rr. Aliaj *Densities and Sound Speeds of Ternary Mixtures Methyl tert-Butyl Ether + Toluene + n-Hexane (or Cyclohexane) and Their Binary Subsystems at a Temperature of 298.15 K and under Ambient Pressure*	Journal of Chemical & Engineering Data DOI : 10.1021/acs.jced.2c00093	2022, 67, 9, 2098–2107
13.	Ariel Hernández, Arbër Zymer Zeqiraj and Fisnik Rrustem Aliaj *Densities, Sound Speeds, and Refractive Indices of 1-Propanol + Cyclohexane (or Cyclohexene or Cyclohexanone) Binary Mixtures at Various Temperatures Under Atmospheric Pressure: Experimental and Modeling Study*	International Journal of Thermophysics DOI: 10.1007/s10765-023-03211-4	2023, 44, 102
14.	Fisnik Aliaj, Arbër Zeqiraj, Arbër Musliu	International Journal	2024, 45, 159

	and Ariel Hernández *A Study on the Mixing Behavior of Glycerol with Aniline, Pyridine, and Piperidine over the Temperature Range 293.15 K to 323.15 K and Atmospheric Pressure*	of Thermophysics DOI: 10.1007/s10765-024-03450-z	
15.	Altin Gjevori, Artan Llozana, Arbër Zeqiraj, Ariel Hernández, Naim Syla and Fisnik Aliaj *Thermophysical Properties of the Methyl tert-Butyl Ether + Benzene + n-Hexane Ternary System within the Temperature Range (293.15–313.15) K and Under Ambient Pressure: An Experimental and Modeling Approach*	International Journal of Thermophysics DOI: 10.1007/s10765-025-03502-y	2025, 46, 28
16.	Rozafa Krasniqi, Fisnik Aliaj, Naim Syla, Arbër Musliu and Arbër Zeqiraj *Thermophysical Properties of Binary and Ternary Mixtures Comprising Methyl Acetate, n-Hexane, and Cyclohexane:Experimental and Modeling Approach*	International Journal of Thermophysics DOI: 10.1007/s10765-025-03573-x	2025, 46, 100
17.	Ardita Kurtishaj, Ibrahim Hameli, Arbër Zeqiraj, Sefer Avdiaj *Measurements of helium permeation in Zerodur glass used for the realisation of quantum pascal*	ACTA IMEKO DOI: 10.21014/acta_imeko.v11i2.1155	2022 11, 1-4
18.	Naim Syla, Bashkim Dalipi, Njomza Elezaj, Fisnik Aliaj, Zeqë Tolaj and Arbër Zeqiraj *Finite-element modeling of the N concentration profile in 31CrMoV9 steel after gas nitriding*	Emerging Materials Research DOI: 10.1680/jemmr.18.00154	2020, 9, 375-377
19.	Naim Syla, Fisnik Aliaj, Bashkim Dalipi, Njomza Elezaj and Arbër Zeqiraj *The depth of the diffusion of nitrogen in 16MnCr5 steel after gas nitriding*	Emerging Materials Research DOI: 10.1680/jemmr.21.00086	2022, 11 138-140
20.	Naim Syla, Arbër Zeqiraj, Nazmi Hasi, Njomza Elezaj *Investigation of the compound layer formed*	Emerging Materials Research DOI:	2020 9, 119-121

	by steel 16MnCr5 after gas nifiriding	10.1680/jemmr.18.00117	
20	Arbër Zeqiraj, Fisnik Aliaj, Rozafa Krasniqi, Arbneshe Arbneshi, Ariel Hernández *Thermophysical Properties of Ternary Butan-1-ol+ Cyclohexane+ Toluene and Binary Butan-1-ol+ Cyclohexane and Butan-1-ol+ Toluene Mixtures: Experimental Data and Modeling*	Journal of Chemical & Engineering Data DOI: 10.1021/acs.jced.6c00041	2026/5/13 71, 6
21	Naim Syla, Fisnik Aliaj, Arbër Zeqiraj, Ariel Hernández *Thermophysical Properties of 2-Methylpropan-1-ol+ Cyclohexane+ Toluene Mixtures: Experimental Data and Modeling at Various Temperatures and Atmospheric Pressure*	International Journal of Thermophysics DOI: 10.1007/s10765-026-03863-y	2026/11, 47(11) 188
22	Ariel Hernández, Ismail II Alkhatib, Arbër Zeqiraj, Fisnik Aliaj *Densities, speeds of sound, and excess properties of 1-propanol + cyclohexane + toluene at 293.15 to 333.15 K: Insights into hydrogen-bonding and π-interaction effects, with equations of state modeling and an acoustic correction approach*	Fluid Phase Equilibria DOI: 10.1016/j.fluid.2026.114924	2026/11/9 114924

12. Abstraktet nga Konferencat Kombëtare dhe Ndërkombëtare

	Emri i autorit/autorëve/Titulli i punimit	**Emri i konferencës**	**Viti/ Volumi/ Faqet**
1.	S. Avdiaj, A. Zeqiraj / *Challenges and perspective of the system metrology in Kosovo.*	XXI World Congress IMEKO, Prague. Czech Republic.	2015/101
2.	S. Avdiaj, A. Zeqiraj / *Description of vacuum system constructed in Department of Physics* *(University of Prishtina)*	The International Physics Conference Tirana 2015 ISBN: 978-9928-4217-8 4	2015/20
3.	A. Zeqiraj, S. Avdiaj/ *Matja e outgassingut në sistemin e vakuumit të ndërtuar në Departamentin e Fizikës, Universiteti i*	"Java e shkencës 2016", Prishtinë	2016/23

	Prishtinës	ISBN 978-9951-16-092-6	
4.	S. Avdiaj, A.Zeqiraj / *The volume ratio measurements of static expansion system applied to Kosovo medium standard.*	XI Conference of the Society of Physicist of Macedonia	2016 September 22-25, Ohrid, Macedonia
5.	N. Syla, F. Aliaj, and A. Zeqiraj / *FE modeling of hardness curves for 31CrMoV9 steel after gas nitriding*	4th International Conference on Computational and Experimental Science and Engineering – ICCESEN-2017	Side-Antalya-Turkey, 4 – 8 October, 2017
6.	N. Syla, F. Aliaj**,** G. Hodolli, and A. Zeqiraj / *What is SEA?*	4th International Conference on Computational and Experimental Science and Engineering – ICCESEN-2017	Side-Antalya-Turkey, 4 – 8 October, 2017
7.	N.Syla, A.Zeqiraj, F.Aliaj and N. Hasi / *Gas nitridig – from experiment to modeling*	1st International Conference of Natural Sciences and Mathematics – ICNSM	Tetova, Macedonia, 16 – 17 June, 2017
8.	A.Zeqiraj, Fisnik Aliaj and Naim Syla / *Densities, refractive indices and derived properties of binary mixtures of ethanol with benzene and pyridine at 298.15 K and atmospheric pressure.*	4th International Conference on Computational and Experimental Science and Engineering – ICCESEN-2017	Side-Antalya-Turkey, 4 – 8 October, 2017
9.	Naim Syla, Fisnik Aliaj dhe Arbër Zeqiraj /*Modelimi i sforcimeve termike te një shufër metalike*	Konferenca e I-rë e Institutit Kombëtar të Fizikës.	10-11 Shkurt 2022, Tiranë.
10.	Arbër Zeqiraj, Fisnik Aliaj dhe Naim Syla /*Correlation and prediction of the viscosities of multicomponent liquid mixtures*	Konferenca e I-rë e Institutit Kombëtar të Fizikës.	10-11 Shkurt 2022, Tiranë.
11.	Arbër ZEQIRAJ, Tahir ARBNESHI, Bashkim DALIPI, Altin GJEVORI, Naim SYLA, Granita ZENUNI, Fisnik ALIAJ/ *Thermophysical properties of 1-propanol + chlorobenzene, 1-propanol + benzene, and chlorobenzene + benzene mixtures*	9th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2022)	28-31 October 2022, ANTALYA-TURKEY
12.	Arbër Zeqiraj, Altin Gjevori, Artan Llozana, Naim Syla , Fisnik Aliaj/ *Prediction Of Sound Speeds And Refractive*	The 3rd International Conference on	17th and 18th of November 2022, in Tirana, Albania

	Indices Of Binary Mixtures	Applied Sciences and Engineering 2022 (ICEAS 2022)	
13.	Arbër Zeqiraj, Altin Gjevori, Artan Llozana, Verona Elshani, Naim Syla, Fisnik Aliaj / *Thermophysical properties of isobutanol + cyclohexane, isobutanol + benzene, and cyclohexane + benzene mixtures*	International Conference on New Achievements in Science, Technology and Arts" – ICNA-STA	4-5 May 2023, Prishtina, Kosova.
14.	Arbër Zeqiraj, Altin Gjevori, Artan Llozana, Naim Syla, and Fisnik Aliaj / *Densities and sound speeds of ternary mixtures 1-butanol + cyclohexane + ethylbenzene and their binary subsystems at a temperature of 298.15 K under atmospheric pressure*	10th International Conference on Computational and Experimental Science and Engineering (ICCESESN 2023)	27-30 October 2023, ANTALYA-TURKEY
15.	Arbër Zeqiraj, Altin Gjevori, Artan Llozana, Naim Syla & Fisnik Aliaj / *Experimental measurement and modeling of the refractive index for the ternary mixture propan-1-ol + cyclohexane + benzene at 298.15 k and atmospheric pressure*	11th INTERNATIONAL AEGEAN CONGRESSES,	April 4-6, 2025 - Izmir, Türkiye
16.	Altin Gjevori, Arbër Zeqiraj, Artan Llozana, Naim Syla &Fisnik Aliaj / *Application of refractive indices mixing rules in binary systems of 1 - butanol, t - butanol with toluene, ethylbenzene, and isobutanol + toluene at a temperature of 303.15 k under atmospheric pressure*	11th INTERNATIONAL AEGEAN CONGRESSES,	April 4-6, 2025 - Izmir, Türkiye
17	Arbër Zeqiraj and Fisnik Aliaj *Thermophysical properties of the ternary system butan-1-ol + cyclohexane + ethylbenzene: density, sound speed, and modeling of excess properties*	Central European Symposium on Thermophysics (CEST 2026)	September 2nd – September 4th, 2026, Velké Karlovice, Czech Republic

13. Trajnime – kurse

Viti	**Trajnimi**
2019	Trajnimi bazik për mësimdhënie në arsimin e lartë
2022	Trajnimi i nivelit të avancuar "Planifikimi dhe implementimi i mësimdhënies në arsimin e lartë"

14. Projekte profesionale

Titulli i projektit/Elaborati	**Vendi**	**Viti**
Volume determination by gas expansion method / **Koordinator**	MASHT. Prishtinë	**2015**

i projektit dhe hulumtues shkencor.		
Developing of low pressure standard – Metrology in practice	U.S. Embassy Pristina, University support programs	**2018**
Development of primary metrology in Kosovo	MASHT	**2019**

15. Komisione profesionale

Nr	**Niveli i studimeve**	**Pozita/kandidati/viti**
1.	Master	Antëtar i komisionit
2.		

16. Librat

Titulli	**Autorët**	**Shtëpia botuese**	**Viti**
Sistemi ndërkombëtar i njësive/ The Internationi System of Units – SI	Sefer Avdiaj & **Arbër Zeqiraj**	LUARASI	2019 ISBN 978-9951-8856-8-3
Praktikumi i fizikës së përgjithshme	Nazmi Hasi & **Arbër Zeqiraj**	UNIVERSITETI “ISA BOLETINI” MITROVICË	2023 ISBN 978-9951-9143-1-4

17. Informata shtesë:

Aftësisë organizative dhe kompetencat:	Sekretar i Institutit të Gjeoshkencave 2023 – tani
Njohuritë kompjuterike dhe kompetencat:	Microsoft office, OriginLab, LabVIEW, ParkSeis, SurfSeis.

Njohja e gjuhëve të huaja: (1 deri 5: 1 dobët – 5 shkëlqyeshëm)

Gjuha	*Aftësitë folëse*	*Aftësitë shkruese*	*Leximi*	*Kuptimi*
Anglisht	4	3	4	4