

## CURRICULUM VITAE

<b>1. Family Name:</b>	Avdiaj	
<b>2. First Name:</b>	Sefer	
<b>3. Nationality:</b>	Kosovar & Albanian	
<b>4. Date of Birth</b>	07.06.1976	
<b>5. Gender:</b>	M	
<b>6. Contact details:</b>		
	<i>Email:</i>	<a href="mailto:sefer.avdiaj@uni-pr.edu">sefer.avdiaj@uni-pr.edu</a> , <a href="mailto:sefer.avdiaj@gmail.com">sefer.avdiaj@gmail.com</a>
	<i>Tel:</i>	+383 49 393 107
<b>7. Education Degree:</b>		
	<i>Institution:</i>	University of Prishtina, Faculty of Natural Sciences and Mathematics, Department of Physics
	<i>Degree Date:</i>	24/07/2001
	<i>Degree :</i>	Engineer of Physics
	<i>Institution:</i>	University of Tirana, Faculty of Natural Sciences, Department of Physics
	<i>Degree Date:</i>	02/07/2008
	<i>Degree/ Master :</i>	Master of science (Msc)
	<i>Institution:</i>	Jozef Stefan International Postgraduate School
	<i>Degree Date:</i>	29/03/2012
	<i>Degree / Doctorate :</i>	Doctor of science (PhD)
<b>8. Academic Degree:</b>	Full Professor	
	<i>Institution:</i>	University of Prishtina. Department of Physics
	<i>Degree Date:</i>	26.09.2022
<b>9. Scientific Publications</b>		
<b>Scientific journal</b>		
<i>Authors and Title of paper</i>	<i>Journal name</i>	<i>Year / Volume / Pages / link</i>
<b>1. S.Avdiaj, J.Setina, N.Syla:</b> Modeling of the piezoelectric effect using the finite-element method (FEM)	Materials and Technology (Materiali in Tehnologije)	2009 / 43 /283 –291 <a href="http://mit.imt.si/Revija/izvodi/mit096/avdiaj.pdf">http://mit.imt.si/Revija/izvodi/mit096/avdiaj.pdf</a>
<b>2. S.Avdiaj, B.Setina-Batic, B.Erjavec, J.Setina:</b> Oxygen diffusion in the non- evaporable getter St707 during heat treatment	Materials and Technology (Materiali in Tehnologije)	2011 / 45 / 33-37 <a href="http://mit.imt.si/Revija/izvodi/mit11/avdiaj.pdf">http://mit.imt.si/Revija/izvodi/mit11/avdiaj.pdf</a>

<p><b>3. S.Avdiaj, B.Erjavec:</b> Outgassing of hydrogen from a stainless steel vacuum chamber</p>	<p>Materials and Technology (Materiali in Tehnologije)</p>	<p>2012 / 46 / 161-167 <a href="http://mit.imt.si/Revija/izvodi/mit122/avdiaj.pdf">http://mit.imt.si/Revija/izvodi/mit122/avdiaj.pdf</a></p>
<p><b>4. F.Aliaj, N.Syla, S.Avdiaj, T.Dilo:</b> The effect of bias voltage on the microstructure and mechanical properties of arc evaporated (Ti,Al)N hard coatings</p>	<p>Bulletin of Materials Science –c. Indian Academy of Sciences</p>	<p>2013 / 36(3) / 429-435 <a href="https://link.springer.com/article/10.1007%2Fs12034-013-0479-7">https://link.springer.com/article/10.1007%2Fs12034-013-0479-7</a></p>
<p><b>5. S.Avdiaj, J.Setina, B.Erjavec:</b> Measurement of conductance of a sapphire sealed variable leak valve</p>	<p>Vacuum</p>	<p>2013 / 98 / 8-11 <a href="https://www.sciencedirect.com/science/article/pii/S0042207X12004289">https://www.sciencedirect.com/science/article/pii/S0042207X12004289</a></p>
<p><b>6. J.Setina, S.Avdiaj, B.Erjavec:</b> Volume ratio measurements of vacuum vessels containing nonevaporable getters</p>	<p>Vacuum</p>	<p>2013 / 92 / 20-25 <a href="https://www.sciencedirect.com/science/article/pii/S0042207X12004939">https://www.sciencedirect.com/science/article/pii/S0042207X12004939</a></p>
<p><b>7. F.Aliaj, N.Syla, T.Dilo, S.Avdiaj:</b> The Effect of Al<sub>2</sub>O<sub>3</sub> on the Microstructure and Mechanical Properties of Arc-evaporated Ti<sub>1-x</sub>Al<sub>x</sub>N Coating Deposited on Cemented Carbide Substrates</p>	<p>Physica Macedonica</p>	<p>2012 / 43 / 113-119 <a href="http://dfm.org/documents/physica-macedonica/t16.pdf">http://dfm.org/documents/physica-macedonica/t16.pdf</a></p>
<p><b>8. S.Avdiaj, B.Erjavec, J.Setina:</b> Volume determination of vacuum vessels by gas expansion method</p>	<p>MAPAN Springer</p>	<p>2015 / 30(3) / 175-178 <a href="https://link.springer.com/article/10.1007%2Fs12647-015-0137-1">https://link.springer.com/article/10.1007%2Fs12647-015-0137-1</a></p>
<p><b>9. S.Avdiaj, J.Setina:</b> Flowmeter for very low gas flows of inert gases</p>	<p>Measurement - Elsevier</p>	<p>2017 / 111 / 384-388 <a href="https://www.sciencedirect.com/science/article/pii/S026322411730502X">https://www.sciencedirect.com/science/article/pii/S026322411730502X</a></p>
<p><b>10. S.Avdiaj, Y. Yang, K. Jousten, T. Rubin:</b> Diffusion constant and solubility of Helium in ULE glass at 23°C</p>	<p>The Journal of Chemical Physics</p>	<p>2018 / 148 / 116101-1,2 <a href="https://aip.scitation.org/doi/abs/10.1063/1.5019015?journalCode=jcp">https://aip.scitation.org/doi/abs/10.1063/1.5019015?journalCode=jcp</a></p>

<p><b>11. M. Paçarizi, A. Zeqiraj, I.Hameli, I. Tredhaku, S.Avdiaj:</b> Determination of Boltzmann constant by gas expansion method</p>	<p>Revista de Educacion</p>	<p>2020 / 390 (12) / 27-29 Code to open paper: paper ID: 1Vr60, password: Rix751 <a href="http://revistaeducacion.org/show.php?v=390&amp;i=12">http://revistaeducacion.org/show.php?v=390&amp;i=12</a></p>
<p><b>12. J. Fedchak, J. Scherschligt, S.Avdiaj, D. Barker, S. Eckel, B. Bowers, S. O'Connel, P. Henderson:</b> Outgassing rate comparison of seven geometrically similar vacuum chambers of different materials and heat treatments</p>	<p>Journal of Vacuum Science and Technology B</p>	<p>2021 / 39 (2) / 024201 <a href="https://avs.scitation.org/doi/10.1116/6.0000657">https://avs.scitation.org/doi/10.1116/6.0000657</a></p>
<p><b>13. J.Ricker, K.O.Douglass, S.Sysoev, J.Stone, S.Avdiaj, J. H. Hendricks:</b> Transient heating in fixed length optical cavities for use as temperature and pressure standards</p>	<p>Metrologia</p>	<p>2021 / 58 / 035003 <a href="https://iopscience.iop.org/article/10.1088/1681-7575/abe8e0/meta">https://iopscience.iop.org/article/10.1088/1681-7575/abe8e0/meta</a></p>
<p><b>14. S.Avdiaj, Y. Delija:</b> Measurements of virial coefficients of Helium, Argon and Nitrogen for the needs of static expansion method</p>	<p>Acta Imeko</p>	<p>2022/11/26 <a href="https://acta.imeko.org/index.php/acta-imeko/article/view/1153">https://acta.imeko.org/index.php/acta-imeko/article/view/1153</a></p>
<p><b>15. A.Kurtishaj, I.Hameli, A.Zeqitaj, S.Avdiaj:</b> Measurements of helium permeation in Zerodur glass used for the realisation of quantum pascal</p>	<p>Acta Imeko</p>	<p>2022/11/27 <a href="https://acta.imeko.org/index.php/acta-imeko/article/view/1155">https://acta.imeko.org/index.php/acta-imeko/article/view/1155</a></p>
<p><b>16. I.Tredhaku, S.Avdiaj:</b> Edge Effect on Helium Outgassing from ULE Glass</p>	<p>Emerging Materials Research</p>	<p>22 / 11 / 3 / 313-318 <a href="https://www.icevirtuallibrary.com/doi/abs/10.1680/jemmr.22.00022">https://www.icevirtuallibrary.com/doi/abs/10.1680/jemmr.22.00022</a></p>
<p><b>Acknowledgments from scientific publications:</b></p>		
<p>I was acknowledged for the contribution to this paper: Authors: <b>K. Jousten, S. Putzke, J. Buthig:</b> Title: <i>Partial pressure measurements standard for characterizing partial pressure analysers and measuring outgassing rates</i>, Published in Journal of vacuum science and technology A, 2015 / 33 / 061603_1-061603_10. Link: <a href="https://avs.scitation.org/doi/abs/10.1116/1.4935432">https://avs.scitation.org/doi/abs/10.1116/1.4935432</a></p>		

**Contribution as a reviewer of papers in my field.**

I was acknowledged as a reviewer from journal **Measurement** and journal **Vacuum**.

**Abstracts from the International and National Conferences**

**INVITED TALKS**

<i>Title of paper</i>	<i>Conference name</i>	<i>Year / Venue</i>
1. S.Avdiaj, Determinations Of Virial Coefficients Used For Optical Pressure Standard Floc	26 <sup>th</sup> International Scientific Meeting on Vacuum Science and Technique	2019 / Njivice, Croatia  <a href="http://ismvst26.irb.hr/invited-speakers.html">http://ismvst26.irb.hr/invited-speakers.html</a>
2. Sefer Avdiaj, Jay Hendricks and Jacob Ricker The Quantum Pascal: Measuring Pressure And Vacuum With Light	12 <sup>th</sup> Conference of the Society of Physicists of Macedonia – CSPM 2018	2018/Oher  <a href="http://cd2f1a_c9f18957dbc54cbb8f75fdb1964bf6fd.pdf(filesusr.com)">cd2f1a_c9f18957dbc54cbb8f75fdb1964bf6fd.pdf (filesusr.com)</a>

**REGULAR TALKS**

<i>Title of paper</i>	<i>Conference name</i>	<i>Year / Venue</i>
1. S.Avdiaj: Determination of the phase-shift using the Mach- Zehnder interferometer	Takimi i Dytë i Instituti Alb-Shkenca	2007/ Pristina, Kosovo
2.S.Avdiaj, Naim Sylja: Modeling and simulation of piezoelectric sensor	Takimi i Tretë i Instituti Alb-Shkenca	2008 / Tirana, Albania
3. S.Avdiaj, J.Setina, A. Jonuzaj: Numerical solving of poisson equation in 3D by finite difference method (FDM)	17 <sup>th</sup> Conference on Materials and Technology	2009 / Portoroz, Slovenia
4. S.Avdiaj, B.Setina-Batic, J.Setina: Investigation of oxygen diffusion in St 707 non-evaporable getter material	17 <sup>th</sup> Conference on materials and technology	2009 / Portoroz, Slovenia
5. S.Avdiaj, J.Setina: Modeling of piezoelectric effect by finite element method (FEM)	16 <sup>th</sup> International Scientific Meeting on Vacuum Science and Technique	2009 / Bohinj, Slovenia
6.S.Avdiaj, J.Setina, B.Erjavec: Volume ratio measurements of vacuum vessels containing non- evaporable getters	13 <sup>th</sup> Joint Vacuum Conference	2010 / Štrbské Pleso High Tatras, Slovak Republic
7. S.Avdiaj, J.Setina: Extension of the range of primary vacuum- calibration methods using non- evaporable getters	18 <sup>th</sup> Conference on materials and technology	2010 / Portoroz, Slovenia
8. J.Setina, M.Sefa, S.Avdiaj, B.Erjavec, D.Hudoklin: Modeling of water vapor diffusion in elastomers with impact in humidity and vacuum measurements	Joint International Symposium on Temperature, Humidity, Moisture and Thermal Measurements in Industry and Science TEMPMEKO & ISHM	2010 / Portoroz, Slovenia

9. S.Avdiaj, B.Setina-Batic, J.Setina: Investigation of oxygen diffusion in St 707 non evaporable getter material. V:14th European Conference on Composite Materials	14 <sup>th</sup> European conference on Composite materials	2010 / Budapest, Hungary
10. S.Avdiaj, J.Setina: Testing of non- evaporable getter pump for extremely high vacuum calibration chamber	19 <sup>th</sup> Conference on materials and technology	2011 / Portoroz, Slovenia
11. S.Avdiaj, J.Setina: Outgassing of hydrogen from stainless steel vacuum chamber	18 <sup>th</sup> International Scientific Meeting on Vacuum Science and Technique	2011 / Bohinj, Slovenia
12. S.Avdiaj, J.Setina, B.Erjavec: Measurement of conductance of a sapphire sealed variable leak valve	14 <sup>th</sup> Joint Vacuum Conference, 12 <sup>th</sup> European Vacuum Conference, 11 <sup>th</sup> Annual Meeting of the German Vacuum Society, 19 <sup>th</sup> Croatian-Slovenian Vacuum Meeting,	2012 / Dubrovnik, Croatia
13. S.Avdiaj, J.Setina: Extension of the range of primary vacuum-calibration methods with the use of nonevaporable getters	20 <sup>th</sup> Jubilee Conference on materials and technology (INVITED SPEAKER)	2012 / Portoroz, Slovenia
14. S.Avdiaj, S.Skenderi, N.Syla, F.Aliaj: Applications of getter pumps to maintain vacuum in sealed microelectromechanical systems	International Conference on Mechatronics Engineering and Robotics	2012 / Pristina, Kosovo
15. N.Syla, F.Aliaj, S.Avdiaj: Modeling the RC electric circuit with Finite Element Method	1 <sup>st</sup> International Eurasian Conference on Mathematical Sciences and Applications (IECMSA)	2012 / Pristina, Kosovo
16. F.Aliaj, N.Syla, T.Dilo, S.Avdiaj: The effect of aluminum on the microstructure and mechanical properties of arc-evaporated Ti <sub>1-x</sub> Al <sub>x</sub> N coatings deposited on cemented carbide substrates	IX Conference of the Society of Physicists of Macedonia	2012 / Ohrid, Macedonia
17. S.Avdiaj, J.Setina, B.Erjavec: Comparison of diffusion and recombination limited model of experimental results for outgassing of hydrogen from a stainless steel vacuum chamber	19 <sup>th</sup> International Vacuum Congress	September 9-13, 2013 / Paris, France <a href="https://secure.key4events.com/key4register/abstractexport.aspx?e=164">https://secure.key4events.com/key4register/abstractexport.aspx?e=164</a>
18. S.Avdiaj, N.Syla, F.Aliaj: Modeling of oxygen diffusion profile in St 707 non-evaporable getter material	15 <sup>th</sup> Joint Vacuum Conference	June 15-20, 2014 / Vienna, Austria <a href="http://www.iap.tuwien.ac.at/jvc15/_media/pdfs/boa_jvc15_2014_06">http://www.iap.tuwien.ac.at/jvc15/_media/pdfs/boa_jvc15_2014_06</a>

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19. S.Avdiaj, J.Setina, B.Erjavec: Volume determination of vacuum vessels by gas expansion method	15 <sup>th</sup> Joint Vacuum Conference	June 15-20, 2014 / Vienna, Austria <a href="http://www.iap.tuwien.ac.at/jvc15/media/pdfs/boa_jvc15_2014_06_11.pdf">http://www.iap.tuwien.ac.at/jvc15/media/pdfs/boa_jvc15_2014_06_11.pdf</a>
20. N. Sylja, H.Oettel, G.Schreiber, F.Allaj, S.Avdiaj: Residual stresses in the precipitation layer of gas nitrated alloy steels	Thermam 2014 International Conference on Thermo-physical and Mechanical Properties of Advanced Materials,	June 12-15, 2014 / Izmir, Turkey
21. S. Avdiaj, J. Setina, Bojan Erjavec. Construction of flowmeter for very low gas flows of inert gases	IMEKO XXI World Congress	August 30, 2015 – September 4, 2015, Prague
22. S. Avdiaj, F.Allaj, N.Sylja: Modelling the oxygen diffusion profile in St 707 non evaporable getter material	Diffusion fundamentals	August 26-28, 2013 - Leipzig, Germany
23. S.Avdiaj, J. Setina: Uncertainty evaluations of Hydrogen outgassing from a stainless steel vacuum chamber	20 <sup>th</sup> International Vacuum Congress	August 21-26, 2016 – Busan, Korea
24. S.Avdiaj, A. Zeqiraj: Uncertainty evaluations of Hydrogen outgassing from a stainless steel vacuum chamber	The volume ratio measurements of static expansion system applied to Kosovo medium vacuum standard	August 21-26, 2016 – Busan, Korea
25. S.Avdiaj, J. Setina: Extension of the range of primary vacuum calibration methods with the use of non-evaporable getters	IX Conference of the Society of Physicists of Macedonia	September 22-25, 2016 – Ohrid, Macedonia
26. Sefer Avdiaj: Comparison of sensitivity measurements with different modes in QMS	Workshop on "Towards more reliable partial pressure and outgassing rate measurements"	January 30 - February 1, 2017 - Berlin, <a href="https://www.ptb.de/emrp/ws1-sip01-presentations.html">https://www.ptb.de/emrp/ws1-sip01-presentations.html</a>
27. Janez Setina, Sefer Avdiaj, Bojan Erjavec: Calibration of extractor gauges down to 10 <sup>-12</sup> mbar	3 <sup>rd</sup> Workshop on the Operation of Large Vacuum systems	June 11-14, 2011 - Oak Ridge, Tennessee, USA, <a href="https://public.ornl.gov/sns/workshop/olav2011/presentations/Setina%20Janez%20-%20OLAV_III_Setina.pdf">https://public.ornl.gov/sns/workshop/olav2011/presentations/Setina%20Janez%20-%20OLAV_III_Setina.pdf</a>
28. S.Avdiaj, K.Jousten Measurement of sensitivity and minimum detectable partial pressure with different modes of QMS according to ISO TS 20175	24 <sup>th</sup> International Scientific Meeting on Vacuum Science and Technique	May 18-19, 2017, Zadar, Croatia
29. S.Avdiaj, J. Setina: Extension of the range of primary vacuum calibration methods with the use of non-evaporable getters.	9 <sup>th</sup> Vacuum Symposium, Vacuum Expo 2018	October 10-11, 2018, Coventry, UK <a href="https://www.vacuum-uk.org/previous-meetings/vs9-2018/poster-session/vs9-poster-listing/">https://www.vacuum-uk.org/previous-meetings/vs9-2018/poster-session/vs9-poster-listing/</a>
30. S.Avdiaj, J. Hendricks, J. Ricker: Determination of viarial coefficients used for optical pressure standard – FLOC	21 <sup>st</sup> International Vacuum Congress	July 1-5, 2019, Malmo, Sweden.

<b>31. S.Avdiaj:</b> Research group in the field of nanophysics: Department of Physics-University of Prishtina.	1 <sup>st</sup> workshop of NanoAlb	January 23, 2020, Academy of Sciences, Tirana, Albania
<b>32. Yllka Delija, Sefer Avdiaj:</b> Measurements of virial coefficients of Helium, Argon and Nitrogen for the needs of static expansion method	18 <sup>th</sup> Joint Vacuum Conference, 22-26 November 2020, Budapest, Hungary	November 22-26, 2020, Budapest, Hungary. (ONLINE)
<b>33. Ibrahim Hameli, Arbër Zeqiraj, Avni Berisha, Sefer Avdiaj:</b> Experimental and theoretical study of the helium and oxygen in the polyethylene terephthalate packing materials used for water and soft drinks	Joint Science Congress of Materials and Polymers - ISCMP	October 7-10, 2020, Tetovo, North Macedonia, (ONLINE)
<b>34. Sefer Avdiaj, Isuf Tredhaku.</b> The influence of "Edge Effect" in helium Diffusion in ULE glas	Trends in NanoTechnology TNT 2021	October 4-8, 2021, Tirana, Albania <a href="https://phantomsfoundation.com/TNTCONF/2021/Abstracts/TNT2021_Avdiaj_Sefer_40.pdf">https://phantomsfoundation.com/TNTCONF/2021/Abstracts/TNT2021_Avdiaj_Sefer_40.pdf</a>
<b>35. Ardita Kurtishaj, Arber Zeqiraj, Ibrahim Hameli, Sefer Avdiaj.</b> Measurements of Helium Permeation in Zerodur glass used for the realisation of quantum pascal	Trends in NanoTechnology TNT 2021	October 4-8, 2021, Tirana, Albania <a href="https://phantomsfoundation.com/TNTCONF/2021/Abstracts/TNT2021_Kurtishaj_Ardita_30.pdf">https://phantomsfoundation.com/TNTCONF/2021/Abstracts/TNT2021_Kurtishaj_Ardita_30.pdf</a>
<b>36. Florentine Limani, Ibrahim Hameli, Avni Berisha, Sefer Avdiaj.</b> Experimental and theoretical determination of Heliums diffusion coefficient in Kapton®	Trends in NanoTechnology TNT 2021	October 4-8, 2021, Tirana, Albania <a href="https://phantomsfoundation.com/TNTCONF/2021/Abstracts/TNT2021_Avdiaj_Sefer_44.pdf">https://phantomsfoundation.com/TNTCONF/2021/Abstracts/TNT2021_Avdiaj_Sefer_44.pdf</a>
<b>37. Sefer Avdiaj, Isuf Tredhaku.</b> The influence of "Edge Effect" in helium Diffusion in ULE glas	16 <sup>th</sup> European Vacuum Conference	November, 22-26, 2021, Marseille, France <a href="https://www.evc16.org/Scientific-Program">https://www.evc16.org/Scientific-Program</a>
<b>38. Sefer Avdiaj, Ardita Kurtishaj, Ibrahim Hameli</b> Vacuum setup - modified accumulation method for permeability and diffusivity measurements	Joint IMEKO TC3, T5, TC16 and TC22 International Conference (24th IMEKO TC3, 14th IMEKO TC5, 6th IMEKO TC16 and 5th IMEKO TC22 Conference)	October 11-13, 2022, Dubrovnik, Croatia <a href="https://conferences.imeko.org/event/1/attachments/201/320/Program%20Book%20IMEKO%202022.pdf">https://conferences.imeko.org/event/1/attachments/201/320/Program%20Book%20IMEKO%202022.pdf</a>
<b>39. Yllka Delija, Sefer Avdiaj</b> Measurements of virial coefficients by using static expansion method	Joint IMEKO TC3, T5, TC16 and TC22 International Conference (24th IMEKO TC3, 14th IMEKO TC5, 6th IMEKO TC16 and 5th IMEKO TC22 Conference)	October 11-13, 2022, Dubrovnik, Croatia <a href="https://conferences.imeko.org/event/1/attachments/201/320/Program%20Book%20IMEKO%202022.pdf">https://conferences.imeko.org/event/1/attachments/201/320/Program%20Book%20IMEKO%202022.pdf</a>
<b>Other publications</b>		
<i>Authors / Title of Book</i>	<i>Publisher</i>	<i>Year / Volume / Pages</i>
<b>Sefer Avdiaj &amp; Arber Zeqiraj / Sistemi Ndërkombëtar i Njësive (bazuar ne konstantat themelore)</b>	Luarasi	2019/ 1 / 106

<i>Fizika e përgjithshme I</i>	Magjia e Librit	2022 / 1 / 160
<i>Bazat e matjeve në fizikë : analiza dhe përpunimii matjeve</i>	Magjia e Librit	2022 / 1 / 138
<i>Hyrje e Shkurtër në Nanoshkencë</i>	Material intern per nevoja të studenteve të departamentit të fizikës	2022 / 1 / 105
<b>Scientific projects</b>	<b>Role in the project</b>	<b>Supporter</b>
<i>Volume determination of vacuum vessels by gas expansion method</i>	Leader	Ministry of Education, Science and Technology of Republic of Kosovo
<i>Exposure to radioactive gas radon in environments schools of Kosovo</i>	Member	Ministry of Education, Science and Technology of Republic of Kosovo
<i>Donation of experimental devices</i>	Leader	Uppsala University - Sweden
Developing a low pressure standard – Metrology in practice	Leader	USA Embassy in Kosovo
<i>18SIB04 QuantumPascal</i>	Member	Euramet <a href="https://www.ptb.de/empir2019/quantumpascal/the-consortium/?fbclid=IwAR0OMqAs34p67NTYYIj1H2UGd1TSTZJSifULMKdfnFOKxqiTfTF7UDGdwG1E">https://www.ptb.de/empir2019/quantumpascal/the-consortium/?fbclid=IwAR0OMqAs34p67NTYYIj1H2UGd1TSTZJSifULMKdfnFOKxqiTfTF7UDGdwG1E</a>
Zhvillimi i metrologjisë primare në Kosovë – Matja e koeficientit të ngjeshmërisë së gazeve inerte dhe azotit	Leader	Ministry of Education, Science and Technology of Republic of Kosovo
<b>10. Mentoring of Master Thesis</b>		
<i>Name of the Candidate</i>	<i>Title of the master thesis</i>	<i>Month / Year of Defense</i>
Arber Zeqiraj	<i>Sfidat dhe perspektiva e sistemit të metrologjisë në Kosovë</i>	March / 2014
Musa Beqiri	<i>Modelimi i rrjedhjes së gazrave të rralluara neper gypa kendrejte ne vakuum</i>	March / 2014
Ramadan Thaçi	<i>Percaktimi i vellimit te dhomes se vakumit permes metodes se zgjerimit statik te gazit</i>	July / 2014
Ariejta Axhami	<i>Ndimi i kushteve te ambientit rrethues ne matjet me etalonin kombëtar te mases FI</i>	December / 2014
Gezim Hodolli	<i>Kalibrimi i Sistemit Dozimetric Termoluminshent</i>	March / 2015
Izet Krasniqi	<i>Krahasimi i dy modelve të outgassing-ut të hidrogjenit nga ena e vakumit: modeli i difuzionit dhe modeli i rikombinimit</i>	May / 2016



Blerim Rrakaqi	<i>Modelimi i profilit të oksigjenit në geter jo të avullueshëm të tipit St 707</i>	September / 2016
Teuta Kosumi	<i>Vlerësimi i pasaktësive të termometrave me termoçifte në Agjencinë e Metrologjisë së Kosovës</i>	May / 2016
Ibrahim Hameli	<i>Matja e outgassing-ut të Standardit Primar në Metrologjinë e Vakumit të Kosovës</i>	May / 2018
Yllka Delija	<i>Matja e koeficientit të ngjeshmërisë së gazeve inerte dhe azotit</i>	November / 2020
Ardita Kurtishaj	<i>Studimi i depërtueshmërisë së gazit në materialin e zgavrës që përdoret për standardin kuantik të matjes së shtypjes</i>	December / 2020
Isuf Tredhaku	<i>Efektet e skajeve në outgasingun e heliumit nga qelqi ULE</i>	December / 2020
<b>11. Doctoral Thesis – Member in the Evaluation and Defense Committees</b>		
Malësore Pllana – Zeqiri University of Prishtina.	<i>Hypercrosslinked polyHIPEs as supports for catalysts and reagents</i>	April, 2022
Dashamir Gega University of Tirana	<i>Relations between the Shebenik massif and Shpat massif</i>	May, 2022
<b>10. Work experience record:</b>		
<i>Dates:</i>	<b>September 2000 – November 2003</b>	
<i>Location:</i>	Malishevë	
<i>Name of the Institution:</i>	Gymnasium “Abdyl Frasheri”	
<i>Position:</i>	Teacher of Physics	
<i>Description:</i>	I gave the lectures on physics subjects mostly in the field of modern physics	
<i>Dates:</i>	<b>July 2003 - February 2009</b>	
<i>Location:</i>	Prishtina	
<i>Name of the Institution:</i>	University of Prishtina, Faculty of Electrical Engineering and Computing	
<i>Position:</i>	Teaching assistant	
<i>Description:</i>	I have held numerical and experimental exercises for students of the first year from general physics: Physics 1 and Physics 2	
<i>Dates:</i>	<b>November 2004 – May 2006</b>	
<i>Location:</i>	Pristina	
<i>Name of the Institution:</i>	Ministry of Trade and Industry – Department of Metrology	

<i>Position:</i>	Metrologist of Electrical Measurements
<i>Description:</i>	Verification and declaration of conformity procedures for electrical energy meters
<i>Dates:</i>	<b>February 2009 – January 2012</b>
<i>Location:</i>	Ljubljana – Škofja Loka (Slovenia)
<i>Name of the Institution:</i>	Institute of Metals and Technology – Lotric Company
<i>Position:</i>	Young Researcher (IMT) & Head of Research group at Lotric Company
<i>Description:</i>	Research work related to my PhD (IMT) Research work in metrology field (uncertainty calculations for different measurements and calibrations – Lotric Company)
<i>Dates:</i>	<b>September 2012 – September 2014</b>
<i>Location:</i>	Tetovo-Macedonia
<i>Name of the Institution:</i>	State University of Tetovo
<i>Position:</i>	Lecturer – Part time (Selected chapters from nanophysics, Statistics and Measurements in Physics, Physics for Civil Engineering)
<i>Description:</i>	I was teaching the above mentioned subjects
<i>Dates:</i>	<b>October 2013 – October 2018</b>
<i>Location:</i>	Pristina
<i>Name of the Institution:</i>	University of Pristina, Faculty of Mathematics and Natural Sciences
<i>Position:</i>	Assistant Professor (Docent) –
<i>Description:</i>	Lectures in General Physics, Metrology, Experimental Methods in Physics, An Introduction to Nanoscience, Physics (for math students)
<i>Dates:</i>	<b>October 2018 - continues</b>
<i>Location:</i>	Pristina
<i>Name of the Institution:</i>	University of Pristina, Faculty of Mathematics and Natural Sciences
<i>Position:</i>	Associated Professor –
<i>Description:</i>	Lectures in General Physics, Metrology, Experimental Methods in Physics, An Introduction to Nanoscience, Physics (for math students)
<i>Dates:</i>	<b>November 2020 - continues</b>
<i>Location:</i>	Pristina
<i>Name of the Institution:</i>	University of Pristina, Faculty of Mathematics and Natural Sciences
<i>Position:</i>	Vice dean for Quality Assurance and Scientific Affairs

<i>Description:</i>	Prepare the faculty quality assurance procedures, forms, documents and distributing them to faculty employees, as well as ensuring their development and modernization. Follow up the proper use of procedures and forms, and guarantee the effectiveness of faculty/university procedures, performance and quality results, and conducting periodic audit on staff, councils, department and committees. Prepare the strategic development plan for research and collaboration with foreign institutions.
<b>11. Education and training:</b>	
<i>Dates:</i>	23.02.2005 - 03.03.2005
<i>Title of qualification awarded:</i>	Certified metrologist of electrical measurements
<i>Principal subjects/occupational skills covered:</i>	Verification and declaration of conformity procedures for electrical energy meters
<i>Name and type of institution providing education and training:</i>	Metrology Institute of the Republic of Slovenia
<i>Level of national and international classification:</i>	International
<b>12. Education and training:</b>	
<i>Dates:</i>	04.06.2008 – 10.06.2008
<i>Title of qualification awarded:</i>	Certified
<i>Principal subjects/occupational skills covered:</i>	Contemporary Teaching in Higher Education
<i>Name and type of institution providing education and training:</i>	Friberg-Alexander-Universitat, Erlangen-Nurnberg & University of Prishtina
<i>Level of national and international classification:</i>	International
<b>13. Education and training:</b>	
<i>Dates:</i>	15.12.2017 – 16.12.2017
<i>Title of qualification awarded:</i>	Certified
<i>Principal subjects/occupational skills covered:</i>	Teaching in Higher Education (Meësimdhënia ne Arsimin e Lartë)
<i>Name and type of institution providing education and training:</i>	University of Prishtina, Center for Teaching Excellence
<i>Level of national and international classification:</i>	National

<b>Awards and Membership:</b>	
<i>Member</i>	European Society for Composite Materials (ESCM)
<i>Member</i>	German Vacuum Society (DVG)
<i>European Union</i>	European Social Fund. Framework of the Operational Programme for Human Resources Development for the period 2007-2013
<i>University of Prishtina</i>	Scholarships for one year, October 2000- September 2001
<i>Municipality of Malisheva</i>	Three year scholarship
<i>Ministry of Education, Science and Technology of Republic of Kosovo</i>	Mobility grant to participate in the “20 <sup>th</sup> Jubilee Conference on Materials and Technology” organized by Institute of Metals and Technology of Slovenia.
<i>Ministry of Education, Science and Technology of Republic of Kosovo</i>	Three weeks <b>mobility grant</b> to study “Gas Flow in the micro and vacuum systems” in IUSTI Laboratory, Aix University of Marseille, France.
<i>DAAD Scholarship</i>	Scholarship from German Academic Service - DAAD to perform a research in the field of vacuum metrology at Physikalische-Technische Bundesanstalt – PTB
<i>Physikalische-Technische Bundesanstalt – PTB</i>	6 Month scholarship (three times by 2 months, 2016, 2017, 2019)
<i>Fulbright scholarship</i>	Six months scholarship form Fulbright as a Fulbright Scholar to perform research in the field of pressure and vacuum metrology at National Institute of Standards and Technology – NIST