

## Curriculum Vitae

<b>Name</b>	<b>Yuri Bleyan</b>	
<b>Personal</b>	Day of birth:	10 Oct 1996, Yerevan, Armenia
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<b>Languages</b>	Armenian (native), Russian (Fluent), English (Fluent)	
<b>Address</b>	E-mail: <a href="mailto:yurableyan96@gmail.com">yurableyan96@gmail.com</a>	
<b>Education</b>	<ul style="list-style-type: none"> <li>• 2002-2007, N 147 school</li> <li>• 2007-2013, The physico-mathematical special school after A. Shahinyan</li> <li>• 2013-2017, Graduated from Faculty of Applied Physics and Engineering, Department of General Physics and Quantum nanostructures, Russian-Armenian University, Yerevan, Armenia</li> <li>• 2017-up to now, Master student, Department of General Physics and Quantum nanostructures, Russian-Armenian University, Yerevan, Armenia</li> </ul>	

<p style="text-align: center;"><b>Grants</b></p>	<ul style="list-style-type: none"> <li>• 2017 - 2018 – The Young Scientists Research Support Program initiated by the State committee of science of Armenia, Project 16YR-1C022, Investigation of quantum nanostructures with non-trivial geometry: electronic, excitonic and impurity states, linear and nonlinear optical properties in terahertz range. Participant</li> <li>• 2019 - 2020 – Thematic Project of the State committee of science of Armenia, Project 18T-1C062, Investigation of trion and biexciton states in semiconductor quantum dots. Participant</li> <li>• 2020-2022 – PhD Grant of the State committee of science of Armenia, Project 20AA-1C007, Optical properties of magnetobiexcitons in semiconductor quantum dots</li> </ul>
<p style="text-align: center;"><b>Conferences, Schools</b></p>	<ul style="list-style-type: none"> <li>• Annual Student Scientific Conference of Russian-Armenian University, 18-20 April, Yerevan, Armenia, 2017 (Oral).</li> <li>• 4<sup>th</sup> International Advanced School on Frontiers in Optics &amp; Photonics 19-25 September , Yerevan-Ashtarak, Armenia, 2017 (Organizer)</li> <li>• Armenian Wolfram Technology Conference, 23-24 September, Russian-Armenian University, Yerevan, Armenia, 2017 (Participant)</li> <li>• Joint International Conference on Astrophysics for Young Scientists 3 – 7 October, Byurakan Astrophysical Observatory, Byurakan, Armenia ,2017 (Participant)</li> <li>• Twelfth Annual Scientific Conference of Russian-Armenian University, 4-8 December, Yerevan, Armenia,2017 (Oral)</li> <li>• International School on Metamaterials and Nanotechnologies ISMENA,24-28 December,Tsaghkadzor,Armenia,2017(Participant)</li> <li>• SPIE PHOTONICS EUROPE, 22-26 April,Strasbourg,France,2018(Author/Presenter)</li> <li>• 5<sup>th</sup> International Advanced School on Frontiers in Optics &amp; Photonics 22-27 June , Yerevan-Ashtarak, Armenia, 2018 (Organizer)</li> <li>• IEEE 8th International Conference on Nanomaterials: Applications &amp; Properties, 9-14 September, Odessa, Ukraine,2018(Author/Presenter)</li> <li>• 5th International Conference "Nanotechnologies" , Tbilisi, Georgia, 2018 (Author/Presenter)</li> <li>• Thirteenth Annual Scientific Conference of Russian-Armenian University, 3-7 December, Yerevan, Armenia,2018 (Oral)</li> <li>• International Conference Laser Physics, 17-20,September,Ashtarak,Armenia, 2019(Author/Presenter)</li> <li>• Fourteenth Annual Scientific Conference of Russian-Armenian University, 2-6 December, Yerevan, Armenia,2019 (Oral)</li> </ul>

<p align="center"><b>Scientific Publications</b></p>	<ul style="list-style-type: none"> <li>• Y.Y. Bleyan, D.B. Hayrapetyan, H.A. Sarkisyan, E.M. Kazaryan, Optical properties of biexcitons in ellipsoidal quantum dot. In Quantum Technologies. International Society for Optics and Photonics, Vol. 10674, p. 106741Q, 2018.</li> <li>• D.B. Hayrapetyan, Y.Y. Bleyan, D.A. Baghdasaryan, H.A. Sarkisyan, S. Baskoutas, E.M. Kazaryan, Biexciton, negative and positive trions in strongly oblate ellipsoidal quantum dot. Physica E: Low-dimensional Systems and Nanostructures, 105, 47-55, 2019.</li> <li>• Y.Y. Bleyan, D.B. Hayrapetyan, Tuning Terahertz Recombination Transitions of Quaternion States in Ellipsoidal Quantum Dot. Journal of Contemporary Physics (Armenian Academy of Sciences), 54(2), 153-159, 2019.</li> <li>• Y.Y. Bleyan, Theoretical Investigation of Different Types of Trion States in GaAs Ellipsoidal Quantum Dot. Journal of Contemporary Physics (Armenian Academy of Sciences), 55(2), 137-143, 2020.</li> </ul>
<p align="center"><b>Memberships</b></p>	<ul style="list-style-type: none"> <li>• 2015 - up to now, Member of the Scientific Council of Institute of Mathematics and High Technologies.</li> <li>• 2017 - up to now, RAU &amp; NAS SPIE Student Chapter</li> <li>• 2018-2019, President of the RAU &amp; NAS SPIE Student Chapter</li> </ul>
<p align="center"><b>Special Courses</b></p>	<ul style="list-style-type: none"> <li>• 2017, Wolfram Language, Application for physics. Certificate</li> <li>• 2019, Toefl iBT (Score-91)</li> </ul>
<p align="center"><b>Work Experience</b></p>	<ul style="list-style-type: none"> <li>• 2017-2019, junior researcher at Lab “ Mathematical Modeling of Quantum Systems”, Russian-Armenian University</li> <li>• 2020-up to now, Teaching Assistant at Russian-Armenian University</li> </ul>
<p align="center"><b>Awards</b></p>	<ul style="list-style-type: none"> <li>• Educational Award of the President of the Republic of Armenia in the IT Sphere, Best Master Student 2018 ,II Category</li> <li>• Educational Award of the Ministry of Education and Science, Best Master’s Student 2019, II Category</li> </ul>