

Curriculum Vitae

Name	Khachik Khachatryan	
Personal	Day of birth:	29 Jul 1995, Tyumen, Russian Federation
	Citizenship:	Republic of Armenia
	Nationality:	Armenian
	Home address:	Mamikonyants 40, ap. 43, Yerevan, Armenia
	Tel:	+374 (95) 29-95-99
Languages	Armenian (native), Russian (fluent), English (fluent)	
Address	E-mail: khachik.khachatryan@rau.am	
Education	<ul style="list-style-type: none"> • 2002-2012, high school N5, Atbasar, Kazakhstan • 2012-2013, Arinj secondary school named after K.Tsarukyan, Arinj village, Armenia • 2013-2017, Bachelor’s degree in specialty of “Infocommunication technologies and communication systems”, Russian-Armenian University, Yerevan, Armenia • 2017-2019, Master’s degree in specialty “Infocommunication technologies and communication systems”, Russian-Armenian University, Yerevan, Armenia • 2019-up to now, Postgraduate student in specialty “Physics of semiconductor”, Department of General Physics and Quantum nanostructures, Russian-Armenian University, Yerevan, Armenia • 2021 Feb. -2021 Jun., Postgraduate student in specialty “Engineering”, Vrije Universiteit Brussel (VUB), Brussels, Belgium • 2022 - Doctor of Philosophy (PhD) in Physics, Thesis: “Investigation of electronic and optical properties of conical quantum dots” 	

Grants	<ul style="list-style-type: none">• 2021 – 2023, H2020 “Twinning towards the Russian-Armenian University’s scientific excellence and innovation capacity in nanomaterials for quantum information and quantum optics (NanoQIQO)” (Participant)
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<p style="text-align: center;">Conferences, Schools</p>	<ul style="list-style-type: none"> • Joint International Conference on Astrophysics for Young Scientists 3 – 7 October, Byurakan Astrophysical Observatory, Byurakan, Armenia, 2017 (Participant) • Winter School on Metamaterials and Nanotechnologies ISMENA, 24-28 December, Tsaghkadzor, Armenia, 2017 (Participant) • 14th Annual Scientific Conference of Russian-Armenian University, 2-6 December, Yerevan, Armenia, 2019 (Oral) • International Youth Conference on Electronics, Telecommunications and Information Technologies, SPBSTU, 10-11 July, Saint Petersburg, Russian Federation, 2020(Oral) • Summer School on PolyPhotonics, 6-11 July, Peter the Great Polytechnic University, Saint Petersburg, Russian Federation, 2020 (Participant) • International Day of Light (IDL) online workshop titled “From Darkness to Brightness”, 16th May, Yerevan, Armenia (2020) (Participant) • Young scientists Conference "Physics of Nanostructures", 8th December Russian Armenian University, Yerevan, Armenia, 2020 (Organizer) • International Youth Conference on Electronics, Telecommunications and Information Technologies, SPBSTU, 22-23 April, Saint Petersburg, Russian Federation, 2021 (Oral) • Joint International Conference on Astrophysics for Young Scientists, 14-15 October, Byurakan, Armenia, 2021 (Oral) • XXIII All-Russian Youth Conference on Physics of Semiconductors and Nanostructures, Semiconductor Opto- and Nanoelectronics, 22-26 November, Saint Petersburg, Russian Federation, 2021 (Oral) • 15th Annual Scientific Conference of Russian-Armenian University, 2-6 December, Yerevan, Armenia, 2021 (Oral)
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<p style="text-align: center;">Scientific Publications</p>	<ul style="list-style-type: none"> • K.S. Khachatryan, D.B. Hayrapetyan, E.M. Kazaryan, H.A. Sarkisyan. Strongly Prolate Conical Quantum Dot in an External Electric Field. International Youth Conference on Electronics, Telecommunications and Information Technologies 255: 185-192, 2020. • K.S. Khachatryan, M.A. Mkrtchyan, D.B. Hayrapetyan, E.M. Kazaryan, H.A. Sarkisyan. Adiabatic description of the electroabsorption in strongly prolate and oblate conical quantum dots. Physica E: Low-dimensional Systems and Nanostructures 134: 114887, 2021. • K.S. Khachatryan. Nonlinear optical absorption in strongly prolate conical quantum dot in an external electric field. International Youth Conference on Electronics, Telecommunications and Information Technologies 268: 343-348, 2021.
<p style="text-align: center;">Memberships</p>	<ul style="list-style-type: none"> • 2018 - 2021, RAU & NAS SPIE Student Chapter • 2019-2020, President of the RAU & NAS SPIE Student Chapter
<p style="text-align: center;">Special Courses</p>	<ul style="list-style-type: none"> • 2020, Wolfram Language, Application for physics. Certificate • 2021, Elsevier webinar for Publishers and editors. Certificate
<p style="text-align: center;">Work Experience</p>	<ul style="list-style-type: none"> • 2017-2021, Planner engineer at Rostelecom Armenia, Department of Planning, Abovyan, Armenia • 2020-2021, Teaching Assistant at Russian-Armenian University • 2021-up to now, Lecturer at Russian-Armenian University