

## Dr. Ara TONOYAN

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Date and place of birth: 10 Dec 1983, Gyumri,  
Armenia

<b>Education</b>	Atomic physics, Quantum electronics	
	<b>2000 – 2004</b>	BSc, Faculty of Physics, <b>Yerevan State University</b>
	<b>2006 – 2008</b>	MSc, Department of Physics, Specialty: Quantum Electronics, <b>Yerevan State University</b>
	<b>2013 – 2016</b>	Joint PhD student at the Institute for Physical Research, NAS <b>Armenia</b> and Université de Bourgogne, <b>France</b> Supervisors: <b>Prof. David Sarkisyan</b> and Prof. <b>Claude Leroy</b> Title: <b>Study of optical and magneto-optical processes in Cs, Rb and K micro- and nano-metric thin atomic layers</b>
<b>Work History</b>	<b>2006 – 2008</b> Junior researcher, Non-Linear Quantum Electrodynamics Laboratory, Yerevan State University, <b>Yerevan, Armenia</b>	
	<b>2007 – 2011</b> Junior researcher, Molecular Structure Research Center, National Academy of Sciences of Armenia, <b>Yerevan, Armenia</b>	
	<b>Feb – Dec 2011</b> The Ben Gurion University of the Negev, <b>Be'er Sheva, Israel</b> Supervisor: <b>Prof. Ron Folman</b> Title: <b>The Bose-Einstein Condensation on an atom chip</b>	
	<b>2013 – present</b> Researcher, Institute for Physical Research, National Academy of Sciences of Armenia, <b>Ashtarak, Armenia</b>	
	<b>Nov – Dec 2016</b> Research visitor at Johannes Gutenberg University of <b>Mainz, Germany</b> Supervisor: <b>Prof. Dmitry Budker</b> Title: <b>Enhanced polarimetry for optical chirality sensors</b>	

<b>Research visits</b>	<p><b>Jul – Aug 2007</b>          IAESTE practical training programme in Physics          Faculty of Physics of the University of <b>Leicester</b>,  <b>United Kingdom</b>          Supervisor: <b>Prof. Steve Gurman</b>          Title: Calculation of bond energies by Monte Carlo method</p> <p><b>Jun – Jul 2010</b>          International School of Biological Magnetic          Resonances (invited by <b>Prof. Jody Puglisi</b>)  <b>Erice, Sicily, Italy</b>          Organized by NATO Advanced Study Institute in the framework of the Science          for Peace and Security Programme</p>
<b>Language Skills</b>	<p>English Fluent          Russian Fluent          Armenian Native</p>