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DR SEBASTIAN KNAUER – SHORT CURRICULUM VITAE

<p>ABOUT ME</p>	<p>I am an international experienced researcher who has worked in groups around the globe, including Germany, the United Kingdom, Australia and Austria. I have gained strong knowledge as a researcher in the fields of quantum optics/photonics, quantum electronics and quantum magnonics, which led to multiple high-impact publications. My major research fields include quantum optics, quantum electronics and quantum magnonics in nanoscale devices, with particular interest in hybrid quantum systems. Currently, I'm holding a Marie Skłodowska-Curie fellowship (and UniVie excellence year) and a senior faculty postdoctoral position at the world-renowned University of Vienna, the perfect place to work across quantum platforms. Additionally to my research interest, I'm very motivated to educate the next generation of future quantum researchers.</p>
<p>EDUCATION AND EXPERIENCE</p>	<p>MARIE SKŁODOWSKA-CURIE FELLOW, UNIVERSITY VIENNA, FACULTY OF PHYSICS, AUSTRIA. + UNIVERSITY VIENNA EXCELLENCE YEAR. 01/2022 – present SENIOR FACULTY POSTDOCTORAL RESEARCHER, UNIVERSITY VIENNA, FACULTY OF PHYSICS, AUSTRIA (FACULTY FUNDED). GROUP OF PROF. ANDRII CHUMAK. 03/2020 – present (paused) POSTDOCTORAL RESEARCH FELLOW AT CENTRE FOR QUANTUM COMPUTATION AND COMMUNICATION TECHNOLOGY (CQC2T), UNIVERSITY OF NEW SOUTH WALES, AUSTRALIA (ARO AND ARC FUNDED). GROUP OF PROF. M. SIMMONS. 01/2018 –01/2020 POSTDOCTORAL SENIOR RESEARCH ASSOCIATE AT UNIVERSITY OF BRISTOL, FACULTY OF ELECTRICAL AND ELECTRONIC ENGINEERING AND SCHOOL OF PHYSICS, UNITED KINGDOM, (EPSRC FUNDED) PROF. J. RARITY AND PROF. J. O'BRIEN GROUP. 06/2017 –12/2017 POSTDOCTORAL RESEARCH ASSOCIATE AT UNIVERSITY OF BRISTOL, FACULTY OF ELECTRICAL AND ELECTRONIC ENGINEERING AND SCHOOL OF PHYSICS, UNITED KINGDOM, (EPSRC FUNDED) GROUP OF PROF. J. RARITY AND PROF. J. O'BRIEN. 03/2016 –05/2017 POSTDOCTORAL RESEARCH ASSISTANT AT UNIVERSITY OF BRISTOL, FACULTY OF ELECTRICAL AND ELECTRONIC ENGINEERING AND SCHOOL OF PHYSICS, UNITED KINGDOM, (EPSRC FUNDED) GROUP OF PROF. J. RARITY AND PROF. J. O'BRIEN. 01/2016 –02/2016 DOCTOR OF PHILOSOPHY IN SCIENCE (PH.D.), UNIVERSITY OF BRISTOL, UNITED KINGDOM, PH.D. STUDENT UNDER THE SUPERVISION OF PROF. J. RARITY AND PROF. J. O'BRIEN (ERC FUNDED). 01/2011 –12/2015 MASTER OF SCIENCE, HUMBOLDT-UNIVERSITY OF BERLIN, GERMANY. GROUP OF PROF. O. BENSON. 10/2008 –09/2010 GRADUATE STUDENT RESEARCHER, HUMBOLDT-UNIVERSITÄT ZU BERLIN, GERMANY. 10/2008 –09/2010</p>

	<p>BACHELOR OF SCIENCE, HUMBOLDT-UNIVERSITY OF BERLIN, GERMANY. GROUP OF PROF. O. BENSON. 10/2005 –09/2008</p> <p>RESEARCH INTERNSHIP, HUMBOLDT-UNIVERSITÄT ZU BERLIN, GERMANY. 07/2007 –09/2007</p>
<p>TEACHING AND SUPERVISORY EXPERIENCE</p>	<p>POSTDOCTORAL TEACHER UNIVERSITY VIENNA 2020-present Co-supervision and training of PhD students. Independent supervision of undergraduate students. Tutorials and problem classes for undergraduate students.</p> <p>POSTDOCTORAL TEACHER UNIVERSITY OF NEW SOUTH WALES 2018-2020 Co-supervision and training of PhD students.</p> <p>POSTDOCTORAL TEACHER UNIVERSITY OF BRISTOL 2016-2017 Co-supervision and training of PhD students.</p> <p>TEACHING SUPPORT ASSISTANT UNIVERSITY OF BRISTOL 2011-2015 Tutorials for groups of more than 10 students. Problem classes of more than 50 students.</p>
<p>AWARDS/GRANTS</p>	<p>INTERNATIONAL COMMUNICATION SUPPORT GRANT of the Österreichische Forschungsgemeinschaft (ÖFG) – Austria. 07/2023</p> <p>NFFA-EUROPE RESEARCH INFRASTRUCTURE GRANT 03/2022</p> <p>MARIE SKLODOWSKA-CURIE, FELLOWSHIP of the European Research Council 03/2021 MSCA representative of all University of Vienna MSCA-fellows 2022-23.</p> <p>HONORARY YEAR FOR MARIE SKLODOWSKA-CURIE FELLOWSHIP top 5 MSCA proposals, University of Vienna, Austria. 03/2021</p> <p>RELOCATION GRANT of the Forschungsförderungsgesellschaft (FFG), Austria. 01/2020</p> <p>HONORARY STAFF MEMBER, University of Bristol, School of Physics, United Kingdom. 01/2018-12/2018</p>