

Rinaldo Trotta received the PhD in Materials Science in 2008 from the University of Rome “La Sapienza” where he also stayed as a postdoc for one year. In this period he developed a new method for the fabrication of site-controlled quantum dots using the surprising effects of hydrogen incorporation in dilute nitride semiconductors. His work was recognized with the “G. Turilli” prize for the best Italian PhD thesis in (experimental) material science in 2009. In 2010 he joined the Institute for Integrative Nanosciences (at IFW Dresden, Germany), first as postdoc and then as leader of a research group working the optical properties of self-assembled quantum dots. In 2012 he moved as University Assistant to the Johannes Kepler University (JKU) Linz (Austria), where he founded the Nanophotonics group. At JKU, he became Assistant Professor (2013) and, after completing his Habilitation (venia docendi), Associate Professor in Experimental Physics (2017). The work performed in Austria was recognized by the Austrian Physical Society with the prestigious F. Kohlrausch prize 2016. In November 2017 he moved back to the University of Rome (Italy) “La Sapienza”, where he is Associate Professor and leads the Nanophotonics group. His current research activity focuses on the possibility of using semiconductor nanostructures as sources of non-classical light for quantum information science and technology. Rinaldo Trotta has published more than 70 scientific publications (6 on Nature journals) and he has given about 30 invited talks and colloquia and he is currently principal investigator of two European projects: one ERC Starting Grant (SPQRel) and one Quanterra Project (HYPER-U-P-S). External Links: Webpage: <https://trotta-nanophotonics.weebly.com/>