Towards optical detection of a single electron
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I was born on 11th April 1985 in Shahrood, Iran. I got my bachelor’s degree in Optics and Laser Engineering at Malek-Ashtar University of Technology, Isfahan, Iran in 2009. I then started my Master education at the Institute for Advanced Studies in Basic Science, Zanjan, Iran in 2011. Under the supervision of Dr. Akhlaghi I worked on a phase-shifting digital holography-based method to determine the temperature profile around a laser-heated particle. After obtaining my MSc degree in 2014, I entered mandatory military services and was conscripted to serve as a teacher in outlying villages. During this time, I enjoyed teaching Physics and Mathematics to young students. In April 2016, I started my PhD in the group of Prof. dr. Michel Orrit at Leiden University. My research during that period was in the field of single-molecule spectroscopy with the goal of optical detection of a single electron.
List of Publication


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