

Emanuele Enrico graduated with honors in Physics of Advanced Technologies in 2008 at the University of Turin. In 2012 he obtained a PhD in "Metrology: Science and Technique of Measurements" at the Politecnico di Torino, presenting a thesis entitled "Fabrication and characterization of hybrid single electron devices". From 2010 to 2017 he was Technical Collaborator for Research Institutes at the National Institute of Metrological Research (INRiM). Since 2017 he has been Researcher at INRiM where he deals with the realization of nanostructured quantum devices based on thin film technologies with which he carries out research with applications to sensors, quantum metrology and nano-photonics. Since 2015 he has collaborated with the National Enterprise for nanoScience and nanoTechnology (NEST) institute of the Scuola Normale Superiore of Pisa with which he has designed and developed a reference sample device for the generation of quantized electric current.

To date he is the author of 65 articles published in international journals. He was also invited speaker at numerous national and international conferences.