

Andrea Picone received his doctor degree in Physics on March 2012 from Politecnico of Milano. During his Ph.D. he mostly focused on the characterization of the structural and electronic properties of transition metal oxides, by means of Scanning Tunneling Microscopy and X-ray photoemission spectroscopy. During 2011, he spent seven months at the Karl Franzens University, Graz (Austria), in the research group of Prof. Falko Netzer, where he investigated the electronic and structural properties of oxide low-dimensional model systems by means of low temperature scanning tunneling microscopy.

Since 2019 he is a tenure track professor of experimental physics at the Politecnico of Milano. Currently, his main scientific interest is towards the study of layered systems formed by ultra-thin oxides and ferromagnetic metals. He is author of about 40 scientific papers on international peer-reviewed journals. He received about 20 oral contributions and 3 invited talks in international conferences. He participated to international projects founded by the European Research Council (e.g. GREEN Silicon FP7-FET-OPEN X-TRACK No. 257750, GEMINI FP7-FET-OPENX-TRACK No.2013-0623, COST Action CA15128 Molecular Spintronics) as well as Italian projects (e.g. FIRB project "Ossidi Nanostrutturati: multi-funzionalità e applicazioni", RBA-P115AYN). In 2017, he was granted by Italian minister of higher education (MIUR) with FFABR (Fund for the Financing of Basic Research Activities). He is co-proposer of 10 granted beamtime on the base of competitive calls with peer review at international synchrotron facilities.

In June 2016, he was appointed as editorial board member of "Scanning" (Hindawi and John Wiley & Sons, Inc.), indexed in Scopus and ISI web of Science. He is also member of the editorial board of Journal of Coating Science and Technology (publisher Lifescience Global).

List of publications

1. Brambilla, Alberto, Picone, Andrea, Achilli, Simona, Fratesi, Guido, Lodesani, Alessandro, Calloni, Alberto, Bussetti, Gianlorenzo, Zani, Maurizio, Finazzi, Marco, Duò, Lamberto, Ciccacci, Franco (2019). Effects of the introduction of a chromium oxide monolayer at the C60/Fe(001) interface. JOURNAL OF APPLIED PHYSICS, vol. 125, p. 1-6, ISSN: 0021-8979, doi: 10.1063/1.5075531
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