

Niki Bardi

Sex Female

Date of birth 06/11/1986

Nationality Greek

WORK EXPERIENCE

- Jan. 2020 - today Post-Doctoral Fellow in Printed Supercapacitors from carbon nanomaterials
Nanofunctional and Nanocomposite Materials Laboratory, NCSR Demokritos, Athens, Greece.
- Sept. 2017 - today Industrial Post-Doctoral Fellow in 1D and 2D supercapacitors from carbon nanomaterials
Nanofunctional and Nanocomposite Materials Laboratory, NCSR Demokritos, Athens, Greece.
Pleione Energy S.A., New Science & Technology Park 'Lefkippos', NCSR Demokritos, Greece.
- May 2016 – Aug. 2016 Research Assistant in Chemistry
University of Surrey, Faculty of Engineering and Physical Sciences, Guildford, UK.
- April 2011 – July 2011 Erasmus Placement: Research Assistant in 'Synthesis of silver nanoparticles'
Center for Research in Nanoengineering (CRNE), Polytechnic University of Catalonia, Barcelona, Spain.

TEACHING EXPERIENCE

- October 2013 - May 2016 Teaching Assistant in Physics and Chemistry
University of Surrey, Faculty of Engineering and Physical Sciences, Guildford, UK
- Modules: Radiation Physics Laboratory, Probability and Statistics, Statistical Methods with Financial Applications, Classical Dynamics, Mathematical Economics

EDUCATION AND TRAINING

- Jan. 2013 - June 2017 PhD in Physics
Department of Physics, University of Surrey, Guildford, UK
PhD thesis: Tissue equivalent X-ray dosimetry based on Carbon Nanotubes
- Sept. 2011 - July 2012 MSc in Nanoscience and Nanotechnology
Department of Physics, University of Barcelona, Barcelona, Spain
MSc thesis: Deposition of gold nanoparticles on nanostructured supports for applications in catalysis
- Sept. 2004 - July 2011 BSc in Physics
Department of Physics, University of Patras, Patras, Greece
BSc Thesis: 'Growth and Characterisation of ultrathin gate dielectrics'

ADDITIONAL INFORMATION

- Languages English – C2 (Proficiency of Michigan), French – C2 (Sorbonne II), Italian - B2 (Celi III), Spanish – C2, Greek – mother tongue.
- Honours and awards
- 2020-2022: Postdoctoral Fellowship for Research State Scholarships Foundation, Greece
 - 2017-2020: Postdoctoral Fellowship for Industrial Research Stavros Niarchos Foundation, Greece.
 - 2013-2016: Scholarship for PhD research Defense Science and Technology Laboratory (dstl), United Kingdom.
 - 2012: Scholarship for Erasmus Placement State Scholarships Foundation, Greece.
- Publications
- I. Jurewicz, R. Garriga, M.J. Large, J. Burn, N. Bardi et al., 2018, 'Functionalization of Silver Nanowire Transparent Electrodes with Two-Dimensional Peptide Assemblies', ACS Appl. Nano Mater., 1 (8), 3903–3912.
 - R. Garriga, I. Jurewicz, S. Seyedin, N. Bardi et al., 2017, 'Multifunctional, Biocompatible and pH-Responsive Carbon Nanotube- and Graphene Oxide/Tectomer Hybrid Composites and Coatings', Nanoscale, 9, 7791.
 - N. Bardi, I. Jurewicz, A.A.K. King, D. Bradley and A.B. Dalton, 2017, 'X-ray irradiation-induced structural changes on Single Wall Carbon Nanotubes', Radiation Physics and Chemistry, 140, 34-37.
 - A.A.K. King, M.D. Brigitta, M.J. Large, M. Csaba, S. Ogilvie, N. Bardi et al., 2017, 'Ex-vivo growth of cartilage on Pristine Carbon Nanotube scaffolds for the growth of chondrocytes', J. of Mat. Chem. B, 5, 8178-8182.
- Membership Institute of Physics, UK – Associate member since March 2013