
First Name: Daniel
Surname: Monteiro Cunha
Date of birth: 16-07-1990
Place of birth: São Paulo, SP
Nationality: Brazilian

Education

Sept 2015 – Present PhD student at Mesa+ Institute for Nanotechnology, University of Twente, Enschede, the Netherlands.
2012 – 2015 Energy Engineering at Federal University of ABC, Santo André-SP, Brazil
2009 – 2012 Bachelor in Science and Technology at Federal University of ABC, Santo André-SP, Brazil

Experience

Oct 2011-Present Phd Project: Nanoscale mapping of local electrochemical behaviour in nanocomposites
Jun 2014 Thesis Project: Study of thermoelectric properties of silicon compounds for power generation from residual heat.
Federal University of ABC - CCNH
Jan 2012 – Jan 2013 Project: Study of optical properties of one-dimensional zinc oxide nanostructures.
Federal University of ABC - CCNH
Sept 2011 – Jan 2012 Project: Study of the properties and formation of oriented zinc oxide nanostructures.
Federal University of ABC - CCNH
Sept 2010 – Aug 2011 Project: Study of the formation of oriented zinc oxide nanostructures: Application in photovoltaic devices.
Federal University of ABC - CCNH
Dec 2009 – Aug 2010 Project: Study of oriented zinc oxide tridimensional nanostructures applied in solar cells.

Publications

Cunha, D. M., Ito, N. M., Xavier, A. M., Arantes, J. T., Souza, F. L., Zinc oxide flower-like synthesized under hydrothermal conditions. *Thin Solid Films*, **537** (2013) 97-101.

Cunha, D. M., Souza, F. L., Facile synthetic route for producing one-dimensional zinc oxide nanoflowers and characterization of their optical properties. *Journal of Alloys and Compounds*, **577** (2013) 158-164.

Skills

Languages: Portuguese (Native)
English (Fluent)