

Education

- University of Twente** Oct 2014- present
PhD student at IMS, MESA+, University of Twente, The Netherlands
- University of Twente** Sep 2012- Aug 2014
Master of Nanotechnology (Major courses average grade: 7/10)
Main courses: Nanoscience, Advanced materials, Solid-state physics, Nanofabrication, Bionanotechnology, Characterization of nanostructure, Technology venturing.
- Guangxi Normal University** Sep 2008-Jun 2012
Bachelor of Physics (Major courses average grade: 81/100)
Main courses: Mechanics, Thermodynamics, Electromagnetism, Optics, Quantum physics.
Outstanding Graduates

Relevant Experience

- Master project, Dep. of ChemEng, University of Melbourne, Australia** Oct 2013-May 2014
Topic: Dissolution of interfacial microdroplets on hydrophobic surfaces
- Hydrophobic glass and silicon wafer preparation
 - Using confocal microscopy to observe the dissolution of interfacial microdroplets on the hydrophobic surface.
 - Data measurement and analyzed in Matlab.
- Lab course project, University of Twente, Enschede** Apr 2013-Jul 2013
Topic: Pulsed laser deposition of BiFeO₃ (BFO) on a multi-material substrate
- BFO separately deposited on STO-SRO and STO substrate by pulsed laser deposition (PLD).
 - Sample characterization in Atomic force microscopy (AFM).
- Cleanroom course project, University of Twente, Enschede** Jan 2013-Mar 2013
- Silicon wafer patterned in three different methods: Electron Beam Lithography, Laser Interference Lithography and Focused Ion Beam Lithography.
- R&D department Océ-Technologies B.V. Venlo** May 2014- Aug 2014
Topic: Bubble entrapment during actuation of piezo acoustic print heads (experimental)
- Using the PAINT signal to observe the very early stage of bubble entrapment and what happens in short timescale (1-1000μs) after bubble entrapment

Skills Summary

Language: Chinese (Mandarin), English, Cantonese, Dutch (learning).
Computer Skills: Microsoft office, originLab, Latex, Image Pro