

Curriculum Vitae
Personal INFORMATION Pasqualantonio Pinque

WORK EXPERIENCE

FROM JANUARY 2009 UP TO NOW

Chief Operating Officer at Laboratorio NEST – Scuola Normale Superiore http://www.laboratorionest.it

- Lab manager
- Responsible of the technical staff
- Responsible of the nanofabrication and characterization facility
- Responsible of the health and safety management of the lab

• Research on scanning probe microscopy and his application in characterization at nanoscale, nanofabrication, polymer science, graphene.

Sector: Nanoscience and Nanotechnology

FROM SEPTEMBER 1999 TO DECEMBER 2008

Physics Technologist at Laboratorio NEST – Scuola Normale Superiore

- Responsible of the technical staff
- Responsible of the nanofabrication and characterization facility
- Research on scanning probe microscopy and nanofabrication
- Responsible of the health and safety management of the lab
- Research on low-temperature electronic magneto-transport in 2DEG and hybrid semiconductor-superconductor devices.

Sector: Condensed Matter, Nanoscience and Nanotechnology

FROM MAY 1996 TO DECEMBER 1996

INFM Grant at Scuola Normale Superiore

Post-graduation contract on the following topic: "Nanofabrication by Atomic Force Microscopy"

Sector: scanning probe microscopy, nanofabrication

EDUCATION AND TRAINING

FROM JANUARY 1997 TO SEPTEMBER 1999

PhD courses in Physics: no final discussion of the thesis "SPMbased nanolithography".

Scuola Normale Superiore, Pisa, Italy

- Solid state Physics
- Many-bodies physics
- Physics of semiconductors
- Astrophysics
- Scanning probe microscopy
- E-beam lithography
 - Nanofabrication by EBL and SPM techniques
- Low-temperature magneto-electronic transport measurements



FROM OCTOBER 1987 TO APRIL 1996

Curriculum Vitae

Laurea degree (bachelor + master degree) in Physics (vote 110/110)

"The Atomic Force Microscope as a tool to fabricate Nb/InAs semiconductor-superconductorsemiconductor hybrid device: proximity effect and low-temperature electronic transport characterization"

University of Pisa, Italy

- Solid state Physics
- Physics of semiconductors
- Molecular Physics
- Superconductivity

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- Electromagnetisms
- Theoretical physics
- Structure of the matter