

Curriculum Vitae



Dr. Floris Braakman

PERSONAL INFORMATION

Address:
Department of Physics
University of Basel
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4056 Basel
Switzerland

Date of birth: 29.01.1981
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EDUCATION

Ph.D. Physics

- Kavli Institute for Nanoscience, TU Delft, The Netherlands
- Date viva voce: 21.06.2013
- Thesis Adviser: Prof. Lieven Vandersypen
- Thesis Title: Coherent coupling of qubits in small quantum dot arrays

MSc. and BSc. Physics

- Leiden Institute of Physics, Leiden University, The Netherlands
- Date viva voce: 27.05.2008
- Thesis Adviser: Prof. Michiel de Dood
- Thesis Title: Towards heralded detection of single photons at 2 μm using superconducting NbN nanowires.

ACADEMIC EXPERIENCE

Senior Scientist

- Department of Physics, University of Basel, Basel, Switzerland
- 01.09.2018 - current

SNSF Ambizione Fellow

- Department of Physics, University of Basel, Basel, Switzerland
- 01.09.2015 - 31.08.2018

Postdoctoral Fellow

- Department of Physics, University of Basel, Basel, Switzerland
- 02.11.2013 - 31.08.2015
- PI: Prof. Martino Poggio

Postdoctoral Fellow

- Kavli Institute for Nanoscience, TU Delft, The Netherlands
- 22.06.2013 - 31.10.2013
- PI: Prof. Lieven Vandersypen

AWARDED
GRANTS

Swiss Nanoscience Institute Ph.D. school project

- Awarded: 04.09.2020
- **CHF 260,000**
- 4 years

Swiss Nanoscience Institute Ph.D. school project

- Awarded: 13.08.2018
- **CHF 260,000**
- 4 years

University of Basel Forschungsfonds

- Awarded: 30.11.2017
- **CHF 75,076**
- 1 year

Swiss Nanoscience Institute Ph.D. school project

- Awarded: 08.10.2017
- **CHF 260,000**
- 4 years

Swiss Nanoscience Institute Equipment Fund

- Awarded: 15.03.2016
- **CHF 38,000**
- one time

Swiss National Science Foundation Ambizione Grant

- Awarded: 01.09.2015
- **CHF 426,119**
- 3 years

TEACHING
EXPERIENCE

Supervision

- 6 Ph.D. students
- 3 Master students

Lectures and exercise sessions

- Computational Physics
- Nanophysics
- Fundamental Electronics
- Measurement, Control and Acquisition
- Physics I (Hydrostatics)
- Physics II (Electromagnetism)

LANGUAGES

- Dutch (*Native*)
- English (*Fluent*)
- German (*Proficient*)
- French (*Basic*)