

Contact

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Top Skills

VC#

Board of Directors

Semiconductor Industry

Publications

Dual architectural roles of HU: formation of flexible hinges and rigid filaments

Kinesin Moving through the Spotlight: Single-Motor Fluorescence Microscopy with Submillisecond Time Resolution

Alternating-Site Mechanism of Kinesin-1 Characterized by Single-Molecule FRET Using Fluorescent ATP Analogues

Novel ways to determine kinesin-1's run length and randomness using fluorescence microscopy

Kinesin's step dissected with single-motor FRET

Sander Verbrugge

Partner at NATO innovation Fund

Eindhoven, North Brabant, Netherlands

Summary

Deep-tech venture investor with a varied background, PhD in Physics, Strategy Consulting at Roland Berger and multiple roles at NXP. Enjoy working with teams to navigate through the challenges all start-ups and scale-ups go through.

Currently on the board of: Axelera AI, Morphotonics, Smart Robotics and Pharrowtech.

Former board member at Axign (exited to MPS January 2024).

Experience

NATO Innovation Fund (NIF)

Partner

September 2025 - Present (4 months)

Amsterdam, Noord-Holland, Nederland

Innovation Industries

6 years 9 months

Partner

August 2020 - September 2025 (5 years 2 months)

Eindhoven, North Brabant, Netherlands

Director

January 2019 - August 2020 (1 year 8 months)

Eindhoven Area, Netherlands

NXP Semiconductors

4 years 5 months

Senior Director

January 2018 - January 2019 (1 year 1 month)

Eindhoven Area, Netherlands

Global Business Development lead for IoT Security as part of the Global Sales and Marketing Organization. Goal is to develop and drive NXPs business

in IoT by building Security value propositions across the business lines of NXP. Working together with eco-system partners to create easy and secure solutions for our customers.

Director of Strategy and Program Management at Global Sales and Marketing

March 2016 - January 2018 (1 year 11 months)

Eindhoven Area, Netherlands

- Co-lead of Global Sales & Sales OPS integration team for the Qualcomm-NXP integration – 47 b\$ bid on NXP
- Drove reorganization of GSM with a 4-man core team– Implemented a global change in the way of working combined with a cost reduction
- Drove multiple projects parallel to the above: Cross-selling analysis and implementation, NXP-FSL integration finalization, Drone focus team, preparation of MT, SLT and GSM MT meetings

Director of Strategy Technology and Operations

September 2014 - March 2016 (1 year 7 months)

Eindhoven Area, Netherlands

- Core member of the Integration Management Office of the NXP-Freescale integration responsible for the integration of 45,000 employees in over 30 countries. Drove the Masterplanning of the project, supported Legal and Sales with their integration planning
- Drove decision preparation for major technology investments for NXP
- Assisted the CTO and his scouting team in developing business and use cases for future technologies for NXP

Roland Berger Strategy Consultants

Senior Consultant

September 2008 - September 2014 (6 years 1 month)

Vrije Universiteit

PhD

October 2003 - October 2009 (6 years 1 month)

PhD research in Molecular Biophysics

TUdelft

researcher

June 2003 - July 2003 (2 months)

Delft University of Technology

Researcher

2003 - 2003 (less than a year)

Applied Physics, TUDelft

Student Assistant

2000 - 2003 (3 years)

Ogden Aviation

Freelance Ground Steward

May 1999 - April 2001 (2 years)

Education

Vrije Universiteit Amsterdam

Doctor of Philosophy (PhD), Molecular Biophysics · (2003 - 2009)

Delft University of Technology

MSc, Physics · (1997 - 2003)

Groene Hart Lyceum, Alphen aan den Rijn

VWO · (1992 - 1997)

Streekmuziekschool Alphen aan den Rijn

None · (1987 - 1997)

Basisschool de Helicon '97