

# CURRICULUM VITAE

Name **Diego Fischer**

Date of birth November 25<sup>th</sup>, 1963

Nationality Swiss

Family Married, 1 daughter (2000)

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## Professional activities

Since Nov 2012: Diego Fischer Solar and Engineering  
( [www.diegofischer.ch](http://www.diegofischer.ch) )

- Consulting to solar industry
- Engineering
- Training in PV
- Market research
- Product development
- PV systems engineering, procurement, construction (EPC)
- Project management
- Event management

Oct 2001-Sept 2012 **CTO of FLEXCELL (VHF-Technologies SA)**, Yverdon, Switzerland

Responsibility of the overall technology development, front and backend R&D groups (maximal 15 collaborators)

Responsibility for development of production equipments (engineering group, maximal 10 collaborators)

Product development and product reliability (BIPV products, Corrugated solar tiles, SunPack and Sunboard solar chargers, solar roofing membranes, solar awnings)

Process and product inventions (author/co-author of 2 granted, and pending 6 patents)

Responsible for IP and patents

Acquisition, supervision and administration of publicly and privately funded R&D projects

Relations to professional associations and to academia

Strong involvement in business-planning and investor relations (total fundraising of Flexcell 2000-2012: approximately CHF 150 Mio)

Support to marketing and customer relations and in various PV application projects

Support and troubleshooting in production

Company board member (2001-2006, and 2011-12)

2006: Laureate of Schweizer Solarpreis 2006

1999-2001 **CEO and Co-Founder of FLEXCELL** (VHF-Technologies SA), Le Locle, Switzerland

Dec 1998: PME-University price awardee, Univ. of Lausanne UNIL

Feb. 1999: Technologiestandort-Schweiz awardee

March 2000: KTI-Start-up label award obtained for Flexcell

1994-1999 **Project leader/postdoc at the University of Neuchâtel** in the domain of thin film solar cell technology, group of Prof. Arvind Shah, Institute of Microtechnology (IMT),

- "Monolithic Solar Cells on stainless-steel for wrist-watches", Joint EUREKA Project No. EU1666 with Swatch Group, Valtronics, Valgay & Solems (F)
- "Solar cells on plastic film for facade integration", Joint PSEL Project No.88 with E.Schweizer AG, Hedingen

1997-2001 **Teaching Control-Systems at University of Neuchâtel**  
Subject of the class: "Introduction to control-systems", 2 hours/week

1998 **Postgraduate Degree in "Management of Technology MOT"** of HEC-Lausanne and EPF Lausanne

- April 1994      **PhD in Applied Physics of the University of Neuchâtel** (Dr. ès. sciences)  
*Title of the thesis: "Electric field and photocarrier collection in amorphous silicon p-i-n solar cells: Effects of light-induced degradation and of low-level i-layer doping"*
- 1991-1992      **Visiting Scholar at the Institute of Energy Conversion, University of Delaware, USA** (c/o Prof. C.M. Fortmann)  
 Scholarship of the Swiss National Science Foundation: Research in the domain of numerical simulation and characterisation of solar cells
- 1988-1994      **Researcher / PhD student at the University of Neuchâtel**  
 c/o Prof. A. Shah, Institute of Microtechnology  
 Domains of work:  
 Amorphous silicon solar cells, including process and reactor design, solar cell technology, solar cell characterisation, numerical simulation of solar cell devices

## **Education and studies**

- Feb. 1988      **Degree in Electrical Engineering ETH Zürich** (dipl. El. Ing. ETH)  
 Diploma thesis: "Low-power Mikro-Floppy Datenspeicher" at Institute of Electronics, Prof. W. Guggenbühl
- 1982-1988      **Studies of Electrical Engineering at the Swiss Federal Institute of Technology (ETH) Zürich**  
 Focus branches: low power microprocessor applications, machine language programming, circuit design, control systems design and application, communication systems, solar cells
- Sept. 1982      **Eidgenössische Maturität**, Typus B, Zürich

## **Other professional trainings:**

- 1999/7      Evening class "Introduction into Management" (ESCEA-Neuchâtel)
- 1995/96      Evening class "Lust auf eine eigene Firma" (University Spin-Offs/ Technology transfer), evening class ETH Zürich
- 1986      Oekozentrum Langenbruck, Langenbruck, BL:  
 Development of data-acquisition system for a wind-energy converter (3 month)

- 1985 NTH, Trondheim, Norway: electronic data acquisition in civil engineering research projects (4 month).
- 1983 Mechanical workshop basic training, BBC, Zürich (6 weeks)

**Organisations:**

Député-suppléant au Grand Conseil du Canton de Neuchâtel, member of regional parliament

Regional Committee of the Swiss Solar Energy Society (SSES) Neuchâtel, president

VESE – Verband unabhängiger Energieerzeuger, member of comitee

Swissolar – certified “Solarprofi” - member