

Harry Heinzelmann

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born 28 January 1962 in Hameln, Germany
German citizenship, married, three children



is Vice President and Head of the Division Nanotechnology and Life Sciences at the CSEM Swiss Center for Electronics and Microtechnology, a privately held innovation center. Before joining CSEM in 1998, he was visiting scientist at the IBM Almaden and IBM Rueschlikon Research Laboratories. Dr. Heinzelmann received his Ph.D. from Basel University, as well as a Habilitation and a Master of Advanced European Studies MAES. Current activities in research include nanostructuring both with top-down (MEMS based) as well as bottom-up (molecular self-assembly based) techniques, nano-biotechnology and biosensing, nanoscale optics and nanoscale materials, with long-dating experience in scanning probe microscopy techniques. His general interest is in nanoscale science and technology and their impact and applications in today's innovation process, as well as societal issues of nanotechnology. He is currently Secretary of the Nanotechnology Section of the Swiss Society of Optics and Microscopy SSOM, and member of the Advisory Board of NanoDimension, a company that is providing early-stage venture capital support to the nanotechnology industry.

Summary

Management Professional active in strategic development and transfer of technologies from academia to innovative solutions for industry, with excellent scientific background in Nanotechnology and strong communication skills.

Education

1968 - 1980	Schools in Germany and Switzerland
1986 - 1989	Master and PhD in Physics, University of Basel, Switzerland
1995	Habilitation (venia docendi), Experimental Physics, University Basel
1994 - 1996	Master of Advanced European Studies MAES, Europe Institute, Basel (studies in economy, European law, politics; thesis on EU Tech Transfer)
2007	International Executive Program IEP, INSEAD, Fontainebleau

Professional Experience

1990 - 1992	Postdoctoral Fellow, IBM Almaden, San Jose, California
1992 - 1993	Postdoctoral Fellow, IBM Zurich Research Lab, Switzerland
1993 - 1998	Research Group Leader, University of Basel
since 1998	at the Centre Suisse d'Electronique et de Microtechnique CSEM SA currently as Vice President, Head of Nanotechnology & Life Sciences and member of the Board of Directors and the Scientific Committee CSEM SA, Case Postale, 2002 Neuchâtel, Switzerland, www.csem.ch since 2003 Member of the Scientific Advisory Board of Nanodimension, a Nanotech Venture Capital firm based in Zurich, Switzerland

Scientific

- Author and co-author of more than 100 scientific publications, more than 100 invited/plenary presentations; peer referee of numerous scientific journals
- Referee for national and international funding agencies, as well as for EU programs
- Teaching for academic curricula at Universities of Basel and Neuchâtel (Lecturer, Chargé des cours), courses for professionals throughout Europe, "Public University"
- Member of the Swiss, German and American Physical Societies, Secretary of the Nanotechnology Section of the Swiss Society for Optics and Microscopy SSOM

Personal

- (Swiss) German mother tongue, written and spoken in English and French
- interested in politics and current affairs, sailing, photography, sports (former assistance coach of the Swiss National Volleyball Team)