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Biography

After the study of physics at the University of Kaiserslautern I worked several years in the department of physics at the University of Kaiserslautern as scientist, mainly concerned with surface analytical questions. In 1992 I finished this scientific work with a thesis on „Ion bombardment induced effects in Ta/Si multilayer systems“.

Since 1991 I am a consultant in the Future Technologies Division of the VDI Technologiezentrum GmbH (VDI-TZ), Düsseldorf. VDI-TZ is working in commission of the German research ministry (BMBF), combining funding tasks with forecasting and assessment topics. I am engaged in the analysis and valuation of future technologies, mainly in the areas nanotechnology, nanobiotechnology, x-ray technologies and lithography. In the nanotechnology area I work on strategies for promoting innovation processes via funding support and how to strengthen value-added processes via accompanying measures..

I am also engaged in the nanoforum network of the European Commission.

Further information about German activities on nanotechnology can be found on <http://www.nanonet.de>, about the European nanoforum on <http://www.nanoforum.org> and for the activities of the department Future Technologies of the VDI Technologiezentrum GmbH on <http://www.zukuenftigetechnologien.de>.

Educational Background:

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| June 1977 | Baccalaureate |
| Oct. 1978 - Nov. 1984 | Study of Physics at the University of Kaiserslautern Diploma work: " <i>Aethylenhydrierung an Ni-, Cu- und NiCu-Oberflächen nach niederenergetischem Ar⁺-Ionenbeschuß</i> " |
| Dez. 1984 - Apr. 1991 | Scientific assistant at the section 'Technical Physics' of the University of Kaiserslautern |
| Feb. 1992 | Doctoral thesis in Physics about: " <i>Ionenstrahlinduzierte Effekte in Ta/Si-Vielschichtsystemen</i> " |
| since Mai 1991 | Co-worker at the VDI-Technologiezentrum GmbH Main tasks: <ul style="list-style-type: none">• Analysis and evaluation of emerging technologies• Funding strategies for Nanotechnology Nanobiotechnology EUV-Lithography X-ray technology• Strategies to address the whole value-added chain in nanotechnology• Support for international cooperations in nanotechnology |