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CURRICULUM VITAE

26. 11. 2014

1939 born in Frankfurt/Main / Germany ; Married.

Studies of Physics, Mathematics and Chemistry at the Universities of Frankfurt, Wien and at the Universität des Saarlandes (UdS).
Degrees: Diploma in Physics, Promotion, Habilitation at the UdS.
1965 „Prix des Editeurs Francaises“.
Positions: Akademischer Rat, Akademischer Oberrat, Akademischer Direktor at the UdS.

Duties: Organization of the Primary Practical Exercises in Physics of the 1. Institut für Experimentalphysik for all Students including Medical and Engineering Students.
(In total over all Years: about 15 000 Students x Semester).
Management of the Elektronmicroscopy-Laboratory at the 1. Institut für Experimentalphysik.

Own Research Group in the Field of Nano-Science since 1965.

1978 Professor by proxy at Universität Hamburg (Lehrstuhl Prof. Raether).
1987 Professor by proxy at Universität Kiel.
12 Research Sabbaticals at the Chalmers-TU Göteborg/Sweden (Prof. Granqvist).
1990 Full Professor in Experimental Physics at the Rheinisch-Westfälische Technische Hochschule (RWTH) in Aachen / Germany.
2004 Retirement with free Continuation of Teaching and Research.

Engagements in numerous Administration Institutions of Universities, in the the German Physical Society, the Deutsche Forschungsgemeinschaft(DFG), DAAD etc.
Member in several Centers of Competence and Excellence
Additional financial Supports by DFG, Euro-networks, Industry etc.
External Referee for the Deutsche Forschungsgemeinschaft.
Referee for numerous Scientific Journals.

Fields of Research: Physics of Condensed Matter, Optics, Biophysics,
Nano-Science (since 1965), including physical and chemical Production of Nanostructures,
TEM Characterization, Nanooptics, Nanoplasmonics, structural, electronic, optical, electrical, magnetic, chemical Properties of Nanostructures, Nanobio (viruses)..

> 110 Publications in peered Scientific Journals.
Co-author of a Teaching Book *Physik für Mediziner, Biologen und Pharmazeuten* (de Gruyter), 8.Ed.2014, together with A. Trtwein, E. Oberhausen, J.Hüttermann
and of a Monography *Optical Properties of Metal Clusters* (Springer) 1995, together with M Vollmer

Supervision of > 80 Diploma- and Doctoral Candidates, Teaching Post Candidates , Engineering Highschool Candidates, Laboratory Technicians. etc

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> 65 One-Semester-Lectures on various topics.
> 100 Talks on Invitation.