

## Scientific curriculum

2008-present	Max-Planck-Institut für Quantenoptik, Garching, Broadband-infrared near-field microscopy
1995-2007	Max-Planck-Institut für Biochemie, Martinsried, Scanning near-field microscopy, infrared spectroscopy, biophysics
1987	Visiting Scientist University of California in Santa Barbara, USA, Free electron laser, nonlinear spectroscopy
1973-1995	Max-Planck-Institut für Festkörperforschung, Stuttgart, Nonlinear far-infrared spectroscopy, phonon spectroscopy, biological microwave effects, semiconductor physics, optics
1972-1973	Massachusetts Institute of Technology, Cambridge, USA (A. Javan) Precision frequency measurement, optically pumped lasers, saturation spectroscopy of gases
1970-1971	Max-Planck-Institut für Plasmaphysik, Garching, Infrared ion temperature measurement in Tokamak
1970	Dr. rer. nat. Technische Hochschule München, Thesis on plasma diagnostics with infrared lasers
1961-1967	Study of meteorology and physics, München, Diplom thesis on microwave spectroscopy of hemoglobin