

## Short CV

- 1936 Born in Unna/Westfalen, Germany
- 1956-1962 Study of physics at the LMU München, TU München and ETH Zürich
- 1964 Dissertation (Dr.rer.nat.) at the Forschungsreaktor FRM, TU München
- 1965-1968 NRC Fellow, then Research Associate at the AECL Nuclear Laboratories, Canada. Research at accelerators
- 1969-1973 Assistent, Habilitation, Professor (H3), Sektion Physik, LMU München. Research at the FRM and the joint LMU/TUM accelerator
- 1973 Professor (H4), Physikalisches Institut, Universität Heidelberg. Research at the accelerators MPI Heidelberg and GSI Darmstadt
- 1983-2003 Scientific Associate at CERN, Geneva, one year each in 1983, 1990, 2003. Experiments R807/808 at the ISR (member), NA34 and NA45/CERES (Spokesperson), and NA60 (member), all at the SPS accelerator
- 1992-1999 Scientific Director of GSI, Darmstadt. Most visible impact tumor therapy with C-Ions, together with the Radiologische Klinik der Universität and the DKFZ Heidelberg.
- 2000 Member of the Heidelberger Akademie der Wissenschaften
- 2004 Professor Emeritus
- Research in
- atomic physics: quasi-molecules in low-energy heavy-ion collisions
  - nuclear physics: fission (shape) isomers and heavy-ion induced fission
  - high-energy physics: Quark Matter, a specific stage of the early universe
  - neuroscience: early processing in the brain related to music perception