

Em. Univ. Prof. Dr. Bernhard Schnizer

Curriculum Vitae

Former Head of Division of Mathematical and Applied Theoretical Physics,
Institut für Theoretische Physik, Technische Universität Graz, Austria

Fields of Research: Field Computation, Counter Theory, Wave Propagation,
Medical Physics, Antenna Theory, Theoretical Atomic Spectroscopy

Born 1935-11-09 in Salzburg, Austria

1954 - 1963 Study of Physics and Mathematics, Universität Graz, Austria

1963 Dr. phil. In Theoretical Physics

1962 – 1963 wissenschaftliche Hilfskraft (student assistant)

Institut für Theoretische Physik, Technische Hochschule Graz

1964 – 1976 University assistant

Institut für Theoretische Physik, Technische Universität Graz

1966 – 1968 Fellow at European Organization for Nuclear Research (CERN),
Geneva, Switzerland

Intersecting Storage Ring Division, 300 GEV Linac Group

1970 July – October: Visiting Scientist, CERN, Proton Synchrotron
Division, Linac Group

1971 April- May: Visiting Scientist, CERN, Proton Synchrotron
Division, Linac Group

1971 Venia legendi in Theoretical Physics, Faculty of Science,
Technische Universität Graz

1973 Ludwig Boltzmann Prize of the Austrian Physical Society

1976 ao. Univ.Prof. and Head of Division of Mathematical Physics
Institut für Theoretische Physik, Technische Universität Graz

1977 – 1978 Consultant, Initial Cooling Experiment, CERN, Experimental
Physics Division

1981 - 1985 Director, Institut für Theoretische Physik, TU Graz

1987 - 1989 Director, Institut für Theoretische Physik, TU Graz

1991 - 1998 Director, Institut für Theoretische Physik, TU Graz

1990 - 2011 Austrian Representative in Commission B (Electromagnetic Fields) of
URSI (Union Radioscopique Internationale)

2000 Extension of work period till emeritation by the rector of
Technische Universität Graz

2004-10-01 Emeritation

Recent Cooperations:

- 1986 – 1994 Cooperation with Max-Planck-Institut für Radioastronomie, Bonn,
on Antenna Theory
- 1989 – 1991 Cooperation with Institut für Hochenergiephysik der
Akademie der Wissenschaften (HEPHY), Vienna, on Counter Theory
- 1990 – 1994 Cooperation with DLR (Deutsche Forschungsanstalt für Luft- und
Raumfahrt), Oberpfaffenhofen, Institut für Hochfrequenztechnik,
on Antenna Theory
- 1997 – 2011 Cooperation with CERN, Physics Division, on Counter Theory
- 2008 – Cooperation with [GSI Helmholtzzentrum für Schwerionenforschung GmbH, Superconducting Magnet Systems, Darmstadt, Germany](#)