

Short CV

Emeritus Professor Dr.phil. Dietmar Dorninger

Born in 1945, grew up in Linz; studied mathematics with a minor in physics at the University of Vienna (doctorate in 1969 under E. Hlawka).

1969-1975: Assistant at the Vienna University of Technology (Habilitation 1974).

1971-1994: Course instructor for teacher training in mathematics by the Austrian Federal Ministry for Education and the Arts.

1976-2013: Professor of Mathematics at the Vienna University of Technology.

1980-1982: Also professor at the Research Institute for Distance Learning at the University of Klagenfurt.

1982-2008: In particular, visiting professorships in Klagenfurt in 1984, 1993/94 and 1997 and numerous research visits to Warsaw (including lectures and activities as a member of the editorial board of the journal *Demonstratio Mathematica*).

1982-2012: Multiple academic functions at the Vienna University of Technology, especially 15 years Head of a Department, from 2001-2003 Chairman of the College of the Faculty of Natural Sciences and Computer Science.

2004-2012: Dean of the Faculty of Mathematics and Geoinformation.

2013 Awarded the Faculty Medal of the Vienna University of Technology.

Since 2013: Emeritus professor (active with scientific work and teaching).

Research: Until 1982 work in graph theory and lattice theory, then applications of algebra and discrete mathematics in biology (arrangements of chromosomes), chemistry (theory of molecular orbitals) and axiomatic quantum mechanics (characterization of quantum logics by data of measurements). Since retirement contributions to a long-standing conjecture about circle coverings of the plane; computer-aided solution 2019.

The scientific activities have led to 104 publications to date, including eight books and several works on the didactics of applied mathematics and were recognized early on by the award of the Upper Austrian Science Promotion Prize.

Teaching: Main task at the Vienna University of Technology: Courses for students of chemistry, business informatics, technical mathematics and teacher training. At the University of Klagenfurt: Lectures on applications of algebra in science and technology. As part of the teacher training program of the Federal Ministry for Education and the Arts: various topics from applied mathematics. Supervision of about 60 diploma theses and doctoral dissertations and a fairly number of bachelor's theses. The teaching activities have been honoured with several prizes.