

Wolfgang E. Ernst

Service and administrative duties

At Graz University of Technology (since 2002):

University wide

Member, University Senate 2003-2009 – consisting of 13 professors,
3 university docents, 2 technical staff, and 6 students

Chair, Curricula Committee of the University (*Vorsitzender der Curricula-Gesamtkommission der TU*) 2003 - 2008

– committee of 6 professors, 3 docents, and 3 students reviewing and deciding all bachelor and master curricula of the entire TU Graz,
converted all former diploma studies to bachelor/master programs between 2003 and 2008.

Chair, Senate Committee for legal principles in study matters (*Vorsitzender Studienrechtskommission*) 2003/4

– committee of 3 professors, 3 docents, and 3 students adapting all study rules of TU Graz to the university law of 2002 (UG2002)

Faculty of Mathematics, Physics, and Geomatics

Vice Dean (*Vizedekan*) 2008/9

Dean (*Dekan*) 2010-2017, responsible for personnel and budget matters of 16 institutes with about 180 university employees and 170 project employees

Physics

Dean of Physics Studies (*Studiendekan*) 2003-2007

- assigns teaching duties to all physics faculty, is responsible to the corresponding Vice Rector with regard to the teaching budget, certifies course and exam records,
- **raised the number of incoming physics students from 60 (2003) to between 90 and 100 (2005 and 2006),**
- **in 2006, the physics program at Graz University of Technology was ranked by CHE (German “Centrum für Hochschulentwicklung”) among the 12 best out of 76 physics departments in Germany, Austria, and Switzerland.**

Chair, Search Committee for a Chair in Molecular Electronics (*Vorsitzender Berufungskommission*) 2004/5 – successful offer to Peter Hadley from TU Delft to become head of the TU Graz Institute of Condensed Matter Physics

Director, Institute of Experimental Physics (approx. 45 employees) 2003-2019

- the institute is an organizational unit of the university and the director is responsible for all personnel and budget matters

At The Pennsylvania State University (1990-2001):

Eberly College of Science (i.e. "Fakultätsebene")

Chemerda Lectureship Selection (Chair 2001/2002) – sponsored lecture series

Graduate Faculty Appointment Review – awards permit to advise graduate students

Sabbatical Reviews – reviews past sabbaticals of colleagues of the science faculty

"Frontiers in Science" lecture series – organizes public lecture series (Saturdays) on hot topics in science

Awards Selection – reviews and selects candidates for university science awards

Department of Physics (i.e. "Fachbereichsebene")

Director of Graduate Studies

– heads all physics graduate study matters,

leads committee selecting and admitting graduate student applicants

Member, Advisory Committee to the Department Head

– committee of 4 Full Professors advising the Department Head with regard to future strategies, hiring directions, employment policies etc.

Faculty Activity Evaluation Committee

– committee of 4 Full Professors reviewing the physics faculty once a year with regard to their achievements in teaching, research, and service in order to obtain a ranking list for future salary development

Promotion and Tenure Committee (Chair 1998-2001)

– reviews untenured and promoteable faculty, suggests external referees, and makes recommendations to the Dean of Science

Graduate Recruitment and Graduate Admissions Committee

(Chair 1998-2001, see above)

***Teaching Committee* (partly as Chair)**

– evaluates teaching and gives recommendations for teaching assignments

Facilities Committee

Colloquium Committee

Chem. Phys./Phys. Chem. Seminar

Graduate Student Mentoring

Young Faculty Mentoring

***Faculty Search Committees* (Chair of Atomic, Molecular and Optical Physics)**

Department of Chemistry

Faculty Search Committee

Physical Chemistry Interest Group

Graduate Recruitment Open House

At Freie Universität Berlin (1988/89 as „Außerplanmäßiger Professor“)

Member, "Sonderforschungsbereich" (nationally funded research center) on "Energy and Charge Transfer in Molecular Aggregates"

Member, *Standing Habilitation Committee* of the Department of Physics, committee with 6 members reviewing and deciding all physics habilitations in this two-year period

Other Professional Service:

Referee articles for

Advanced Materials
Applied Physics B
Chemical Physics
Chemical Physics Letters
ChemPhysChem
European Physical Journal
Journal of Chemical Physics
Journal of Molecular Spectroscopy
Journal of Physical Chemistry Letters
Journal of Physical Chemistry A, B, and C
Journal of Computational and Theoretical Chemistry
Journal of Quantitative Spectroscopy and Radiative Transfer
Molecular Physics
Nanoscale (UK)
Nature Publishing Group (UK)
Optics Communications
PCCP (Physical Chemistry – Chemical Physics)
Physical Review Letters
Physical Review A and B
American Chemical Society Books.

Review proposals for

US National Science Foundation (AMO Physics, Physical Chemistry, Theoretical Chemistry, Division of Materials Research)
US Department of Energy
Petroleum Research Fund of the American Chemical Society
Research Corporation (USA)
United States Civilian Research and Development Foundation
National Research Council USA
National Research Council Canada
Engineering and Physical Sciences Research Council, United Kingdom
NWO Exacte Wetenschappen Physical Sciences (Netherlands)
Deutsche Forschungsgemeinschaft (DFG)
Österreichischer Akademischer Austauschdienst (ÖAD)
Regional Council of Brittany, France
University Research Plan (PAR), University of Siena, Italy
Studienstiftung des deutschen Volkes (Germany)
Max-Planck Society (Germany)

Review candidates for university positions in various countries

Review research institutions in Germany and Italy