

Curriculum Vitae of Werner Kunz

married, two children



Education

- 1972-1980: Gymnasium (High School) in Neustadt an der Waldnaab, Bavaria.
- 1980: University-entrance diploma (Abitur) 1.0 with the best average mark of all high school graduates in Bavaria in 1980.
- 1980-1985: Study of Chemistry at the University of Regensburg (diploma with highest possible grade: 1.0).
- 1985-1988: PhD at this university working on *Vapour Pressure Measurements and Statistical-Mechanical Theories for the Determination of Thermodynamic and Structural Properties of Electrolytes in Acetonitrile and Methanol* (supervisor: Prof. Dr. J. Barthel).

Scientific Career

- 1988-1992: Postdoctoral fellow in France with Prof. Pierre Turq at the Université Pierre et Marie Curie in Paris and at the Laboratoire Léon Brillouin, CEA, Saclay.
- 1992: French "Habilitation à diriger de recherches" working on the *determination of the structure and dynamics of solutions, especially with the help of neutron scattering experiments*. Reviewer inter alia: Pierre-Gilles de Gennes.
- 1992: Research fellow at the CEA, Saclay, France and assistant professor.
- 1993-1997: Professor at the Université de Technologie de Compiègne (UTC), France. In 1993 youngest professor of technical chemistry in France.
- 1995-1996: Interim Dean of research of the faculty of chemical engineering at UTC.
- 1997-now: Full professor and head of the Institute of Physical and Theoretical Chemistry at Regensburg University.
- 2008-2009: Dean of the Faculty of Chemistry and Pharmacy.
- 2012-now: Head of the Carl-von-Carlowitz Centre of Sustainable Chemistry at Regensburg University.

Selected Activities

- 1999: Founder of the Associate Institute of Technical and Applied Chemistry at Regensburg University (SKH Company).
- 2004: Founder and Coordinator of the European Master program "Complex Condensed Materials and Soft Matter" (COSOM-EMASCO) together with institutes at the universities of Versailles and Florence, Lille (ENSCL) and Montpellier (ENSCM).
- 1998-2006: Co-Editor of the *Journal of Molecular Liquids*.
- Numerous collaborations with industry (l'Oréal, BASF, Kao Chemicals, Procter & Gamble, etc.) and research institutions (CEA, Max-Planck Society). Consultant of two of the leading European chemical companies.
- Member of the scientific advisory boards of several start-up companies.
- Member of the scientific advisory board of TRIMATEC innovative cluster (south of France).

Distinctions and Awards

- Rhodia-Prize 2012 of the European Colloid and Interface Society.
- Gay-Lussac-Humboldt Prize 2014 of the French Academy of Sciences.
- Corresponding member of the European Academy of Science and Arts (Paris, London).
- Grants and fellowships from the State of Bavaria, the Studienstiftung des Deutschen Volkes, the Fonds der chemischen Industrie (Germany), NATO, the European Union, Elf Aquitaine.
- Several guest professorships (in Belgium, Australia, France) and numerous invited and plenary lectures.

Description of Prof. Kunz' research group

Since 1997 Prof. Kunz is holder of the chair of physical and theoretical chemistry ("Solution Chemistry") at Regensburg University. In his lab two other professors (Prof. H. Motschmann and Prof. D. Horinek) and three assistant professors (Dr. R. Buchner, Dr. R. Müller and Dr. R. Neueder) have permanent positions. Currently more than 20 PhD students, and more than 10 undergraduate (master) students are working in the labs of the chair.

From 1997-2004 Prof. Kunz was mostly involved in applied science performing numerous projects with industrial partners and running his own company (SKH GmbH). In 2004 he came back to more fundamental research, which is reflected by the increasing number of research papers and citations since then.

Prof. Kunz and his group are interested in the characterization, conception and practical application of complex nano-structured liquids and their interfaces, with a special emphasize in Green Chemistry. The six currently employed professors at the chair have complementary research interests, but all in the field of solution chemistry. Together, they currently are considered as the world's leading group in this field.

Publication activities

At present, Prof. Kunz has more than 250 peer-reviewed publications in the field of complex liquids, especially salt effects, colloids, surfactants, and solvent effects, further to several patents, book chapters, book editions etc. Kunz' h-index is 41, his papers are currently cited more than 6900 times.

Further information can be found on the website <http://www-kunz.chemie.uni-regensburg.de>

Regensburg, in May 2017



