

Andreas Pfennig

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PEPs: Products, Environment, and Processes
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- 1979 to 1984 Studied mechanical engineering, specialization in chemical engineering at the RWTH Aachen
 - 1981 Scholarship by the German National Merit Foundation
- 1984 to 1985 Project work with Professor Dr. J.M. Prausnitz at the University of California, Berkeley, California
- 1985 to 1987 Research assistant at the Chair II for Chemical Engineering at the RWTH Aachen University in the group of Professor Dr.-Ing. H. Hartmann
 - 1987 Ph.D. at the Faculty of Mechanical Engineering of the RWTH Aachen University. Title of the dissertation: On the development of a three parameter equation of state based on the accurate description of the hard-sphere system.
 - 1988 Research assistant at the Institute for Thermo and Fluid Dynamics of the Ruhr-University Bochum in the group of Professor Dr. F. Kohler
 - 1988 Borchers prize of the RWTH Aachen University
 - 1988 Friedrich-Wilhelm prize of the RWTH Aachen University
- 1988 to 1995 Research assistant at the Institute for Chemical Technology of the Technical University of Darmstadt in the group of Professor Dr.-Ing. J. Gaube
 - 1991 Supported by the Dr. Otto Röhm Memorial Foundation
 - 1995 Habilitation in the Faculty of Chemistry of the Technical University of Darmstadt. Title of the thesis: Separation and purification of biomolecules with the help of aqueous two-phase systems.
- 1995 to 2011 Full professor, head of AVT - Thermal Process Engineering at the RWTH Aachen University
- 2011 to 2014 Full professor at the Institute of Chemical Engineering and Environmental Technology of the Graz University of Technology
 - since 2014 Full professor at the Department of Chemical Engineering of the University of Liège

Memberships

DECHEMA
ProcessNet Committee Extraction
ProcessNet Committee Fluid Process Engineering
VDI

Research Activities

Experiments and design models for liquid-liquid extraction based on single-drop experiments
Modelling of phase separators for separation of dispersions as well as coalescers for secondary dispersions
Experimental and theoretical investigations on distillation
Mass transfer in homogeneous systems and across interfaces
Thermodynamics of strongly non-ideal mixtures
Exergetic evaluation of processes, systematic process design, global balances