

## CV

**Name:** Prof. Dr.-Ing. habil. Prof. h.c. Dr. h.c. Günter Richard Wozny

**Birth:** 1. November 1947

**Place of birth:** Schönberg, District Grevesmühlen

**Family status:** married, two children

**Education:** 1954-1961 Elementary School, Lennestadt/ Langenei  
1961-1964 Public Secondary School, Schmallebenberg

**Vocational Education:** 1964-1967 apprenticeship as a mechanic  
at company Muhr & Bender, Attendorn  
1967 Examination for skilled worker

**Studies:** 1967-1970 Study at Public Engineer School, Siegen  
Field: Mechanical Engineering, Construction Design, Steel- and  
Apparatus Construction  
1970 Engineering Examination (Mark: Excellent)

1972-1976 Study of chemical engineering at  
Rheinisch-Westfälischen Technische Hochschule (RWTH) Aachen,  
Field: Chemical Engineering  
1976 Diploma Main Examination (Mark: Excellent with Distinction)

**Military Service:** 1. October 1970 - 31. March 1972

### **Occupational Activities:**

July 1970 - August 1970 Engineer at Consulting Engineers Norbert  
Muth, Siegen

April 1973 - March 1975 Engineer as a second job at company Gustav  
Schäfer, heat apparatus engineering, Netphen-Deuz

1975 - 1976 skilled student at professorship chemical engineering II and  
professorship thermodynamics at RWTH Aachen

1.4.1976 - 30.9.1978 Research Associate at Chair for Technical  
Thermodynamics, RWTH Aachen Prof. Dr.-Ing. K.F. Knoche

1.10.1978 - 30.9.1979 research assistant at the same Chair

Dissertation: Examination 12. January 1979

Phase equilibrium of strong electrolytes from vapour pressure  
measurements with application of thermochemical Hydrogen production  
(Mark: "Excellent with Distinction")

1.10.1979 - 30.9.1983 Chief Engineer at Institute for Energy Technology  
at University Siegen, Prof. Dr.-Ing. F.N. Fett

Habilitation State doctorate:

25. November 1983 Energy and Chemical Engineering

1.10.1983-30.6.1993 research associate at Henkel KGaA, Düsseldorf,  
Main Department head "Process- and Automation  
Technology"

10.1.1989-30.6.1993 Apl. Professor at University Siegen

since 1.7.1993 Full professor C4 at Berlin University of Technology  
(Technische Universität Berlin) Professorship: Process Dynamic and  
Operation, Institute for Process and Plant Technology

### Honors:

- Springorum Gedenkmünze, RWTH Aachen, 1976
- Borchers Plakette RWTH Aachen, 1979
- Arnold Eucken Preis VDI, Straßburg 1986
- Förderpreis '91 der Stiftung zur Förderung der Innovation in Wissenschaft und Forschung, Düsseldorf, Düsseldorf, 1989
- Visiting Professor 2003 University of Surry, Guildford University, GB
- Visiting Professor 2003 Zhejiang University, Hangzhou, China
- Professor honorary 2004, Cracow University of Technology
- Doctor h. c. 2008, Cracow University of Technology
- Guest Prof. 2012, Fakultı Kejuruteraan Kimia & Sumber Asli, Lebuhraya Tun Razak, 26300 Gambang Kuantan, Pahang Darul Makmur

### Editorships:

2005	Editorial Board of Chemical Engineering and Processing, Special Issue
2005-	Editorial Board of Inzynieria Chemiczna i Procesowa - Chemical and Process Engineering
2003-2011	Editorial Board of Chemical Engineering Research and Design
2014	Editorial Board Chemie Ingenieur Technik, Special Issue

### Invited lectures (selection):

05/2014	Cape Forum, Milano Italy
02/2014	2 <sup>nd</sup> Aachener Thermodynamik Treff
09/2013	21 <sup>st</sup> Polish Conference of Chemical and Proc. Engg.; Kolobrzeg /Poland
09/2012	Pahang University Malaysia
04/2012	Working Party Distillation Bergen Norway
11/2011	DAAD Autumn School Medellin Colombia
04/2011	Technion Haifa, Israel
08/2010	PSE Conference Salvador de Bahia/Brazil
05/2010	SCPPE Hanzhou/China
09/2010	20 <sup>th</sup> Polish Conference of Chemical and Proc. Engg.; Gedansk/Poland
08/2008	CHISA/PRES 2008 Prague
09/2007	19 <sup>th</sup> Polish Conference of Chemical and Proc. Engg.; Rezow/Poland
08/2004	Chisa 2004, Prague
06/2004	18th Polish Conference of Chemical and Proc. Engg., Szczyrk/Poland
10/2003	PRES'03, Hamilton/Canada
03/2003	Internat. Seminar on Chem. Eng.; Zhejiang University, Hangzhou/China

### Master Thesis

Supervised more than 300

### PhD Thesis:

Supervised 79  
Under Supervision 15  
External PhD reviewer 55

**Habilitation State doctorate (supervisor resp. referee): 3**

## Organizational activities (selected):

2014	Scientific Committee FOCAP D, USA
2013	Editorial Board Chemical Engineering and Equipment
2011	Scientific Committee Escape (European Symposium of Computer Aided Process Engng. Greece
2010-2010	Vice Chair Collaborative Research Centre/Transregio 63 Sino-German Process Systems Engineering Spring School, Hangzhou-Shanghai , China
2008	Scientific Committee Escape (European Symposium of Computer Aided Process Engng. 20 Krakau Poland
2008 -	Member Executive Board UNICAT-Cluster of Excellence Unifying Concepts of Catalysis
2008-2011	Autumn School-Process Simulation and Optimization, State Institute of Technology, Russia
2007	Scientific Committee Escape 19 Lyon, France
2007	7 <sup>th</sup> Berlin Symposium Human-Machine-Systems "Prospektive Gestaltung von Mensch-Technik-Interaktion"
2005-2005	Summer School „Advanced Separation Processes“ <a href="http://www.berlin-summer.de/">http://www.berlin-summer.de/</a> Head National Org. Committee ESCAPE and PSE
2004 -	Symposium Informationstechnologien für Entwicklung und Produktion in der Verfahrenstechnik
2003-	Scientific Committee PRES <a href="http://www.conferencepres.com/Docs/PRES11_INTRODUCTION_final.pdf">http://www.conferencepres.com/Docs/PRES11_INTRODUCTION_final.pdf</a>
2003 -	Coordinator Master Study PEESE (Process Energy Environ. Systems Eng.
2002 -	Coordinator Master Study PEESE (Process Energy Env. Systems Eng.)
2000 -	International Scientific Committee PRES Conference Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction
2000 - 2003	Symposium Optimal Process Design
1986 - 2003	Head Working Party DECHEMA Process simulation and –synthesis

## Organizational activities within Berlin University of Technology:

- Member Faculty council
- Member Institute council
- Chairman Joint committee ITM
- Approval of students apprentices

## Memberships:

- DECHEMA
- VDI - GVC
  - Fluidverfahrenstechnik
  - Prozess- und Anlagentechnik
  - Ausbildung
  - Prozesssimulation und -synthese
- EFCE Working Party Fluid Separation
- VDKF (Verein deutscher Kokereifachleute)

## Number of Publications (author, co-author):

More than 350 [http://www.dbta.tu-berlin.de/menue/publikationen/papers\\_in\\_journals/](http://www.dbta.tu-berlin.de/menue/publikationen/papers_in_journals/)  
[https://www.researchgate.net/profile/Guenter\\_Wozny/contributions?ev=prf\\_act](https://www.researchgate.net/profile/Guenter_Wozny/contributions?ev=prf_act)

Process Modelling, Process Synthesis, Thermodynamics, Process Simulation, Process Optimization, Process Design, Process Control, Operator training, e-learning

## Number of oral presentation at conferences (author, co-author):

More than 200

[http://www.dbta.tu-berlin.de/menue/publikationen/papers\\_in\\_conference\\_proceedings/](http://www.dbta.tu-berlin.de/menue/publikationen/papers_in_conference_proceedings/)

## Teaching Experience:

- Thermodynamic Analysis of Processes 1983-1993
- Process Dynamic 1993 -
- Process Control 1993 -
- Process Optimisation 1993 -
- Plant Design 1998 -
- Concurrent Engineering 2003 -
- Thermodynamics 2004-
- Thermal Separation Processes 2004-
- e-Learning (blended) in Process Design and Operation 2001-
- e-Learning (blended) in Thermodynamics 2004-
- e-Learning (blended) in Concurrent Engineering 2003-2005

## Cooperation

Politechnika Krakowska, Poland  
West Pomeranian University of Technology, Szczecin  
St-Petersburg State Institute of Technology (Technical University), Russia  
Zhejiang University, Hanzhou China  
Jiao Tong University, Shanghai China  
South East China University, Shanghai China  
Kuantan, Pahang Darul Makmur, Malaysia  
Korean Institute of Science and Technology, Korea  
Universidad de Antioquia, Medellín, Kolumbien  
Lappeenranta University, Finland  
TU Dortmund  
Max Plank Institute Magdeburg  
Otto von Guericke Universität, Magdeburg  
Hanoi University of Science and Technology, Hanoi, Vietnam  
Universidad Nacional Experimental del Táchira Laboratorio de Catálisis Decanato de Investigación Av.  
Universidad, Paramillo San Cristóbal 5001 – Venezuela  
Department of Chemical Engineering, Carnegie Mellon University, Pittsburgh, USA

## Industrial Teaching Courses:

- 2004 - 2010            GVT-Hochschulkurs "Neue Thermische Trenntechnologien in der  
Verfahrenstechnik"
- 2002 -2009            DECHEMA-Kurs „Optimierung verfahrenstechnischer Prozesse“

## DAAD Summer academies:

- 2005 - 2012            "Advanced Separation processes" (Berlin) <http://www.berlin-summer.de/>
- 2010, 2012, 2014      "Process Systems Engineering " Mexico City,
- 2011, 2013            "Process and Energy Systems Engineering", University Salvador da Bahia,  
Brasilia <http://www.process-systems-engineering.de/>

## Teaching Courses at other Universities:

- 2004 –            Politechnika Krakowska, Poland „Process Simulation and Optimization“
- 2008- 2012      State University St.-Petersburg, Russia "Process Optimization"

- 2010 Spring School, Process systems Engineering, Jiao Tong University Shanghai
- 2012 University Medellin, Colombia - MOSAIC\* – a web based Modeling Tool [www.mosaic-modeling.de](http://www.mosaic-modeling.de)
- 2015 Process Simulation and Optimization of Chemical Plants, Zhejiang University, Hangzhou, China