

## Prof. Dr.-Ing. Matthias Kind

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Thermal Process Engineering  
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born November 17, 1957 in Bamberg  
married, 4 children



### Education and Professional Career

Abitur, 1976	Martino-Katharineum in Braunschweig
Army, 1976 - 1977	National Service
Academic studies 1977 - 1983	Prediploma Mechanical Engineering, Univ. Karlsruhe (TH) Diploma (Dipl.-Ing.) Mechanical Engineering - Process Engineering, Techn. Univ. Munich several internships: i.e. 3 months at Siemens India Ltd., Bombay (India) Postgraduate studies, State Univ. of New York at Buffalo (USA), Prof. W.N. Gill "Dendritic growth from melts", 12 months
Academic research 1984 - 1989	Technical University Munich, Prof. A. Mersmann "Technical crystallization from solution"
Promotion 1989	Dr.-Ing., TU Munich (summa cum laude) Dissertation: „On the supersaturation during mass-crystallization from solution"
Industrial Employment 1989 – 1997	BASF AG, Ludwigshafen, Research Engineer, group head "Formation and separation of solids"
Award 1994	Arnold-Eucken-Preis of VDI-Society of Process and Chemical Engineering (GVC)
Academia since 1998	Professor of Thermal Process Engineering, Univ. Karlsruhe (TH), now KIT-Karlsruhe Institute of Technology, and Head of Institute for Thermal Process Engineering
Guest lecturer 2011	Department of Chemical Engineering, Canterbury University, Christchurch (New Zealand) Erskine Fellowship

### Research

Process Engineering of Colloids (Coordinator des DFG-SPP 1273 „Process Engineering of Colloids“)  
Particle Formation and Product Design (Crystallization, Precipitation, Fluidized Bed Spray Granulation)  
Heat and Mass Transfer (Forced Convection Boiling, Ceramic Sponges, Drying, Polymer Reaction Engineering)

### Responsibilities and Memberships

- Head of GVT-working group "Crystallization", 1995 - 1998
- Head of VDI-GVC scientific section "Crystallization", 1999 - 2005
- Member of the boards of VDI-GVC scientific sections "Heat and Mass Transfer", "Crystallization" and "Drying"
- Prodekan, then Dekan and finally Dekan of Research of the Department of Chemical and Process Engineering, Univ. Karlsruhe (TH), 2004 - 2010
- Reporting member of DFG-Senate Commission for Collaborative Research Centers, 2003 – 2008
- Trustee of Ernest-Solvay-Foundation, Hannover, and of Gertrud-und-Emil-Kirschbaum-Foundation, Karlsruhe
- Member of the Heidelberg Academy of Sciences, since 2009
- Elected member of KIT-Senate, speaker of the university members of the senate, since 2012
- Personal tutor of the Studienstiftung des Deutschen Volkes, since 2012

### Books, Contribution to Books and Publications

see [www.tvt.kit.edu](http://www.tvt.kit.edu)