

Wilhelm Schabel - Prof. Dr.-Ing. Dr. h.c.

Karlsruhe Institute of Technology (KIT)

Thin Film Technology (TFT)

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Born 1973 in Zeiden/Kronstadt (Transilvania/Siebenbürgen)

Since 1999 married and 5 children



Curriculum Vitae (Short CV)

1993 - 1998	PROCESS Engineering Study (Dipl.-Ing.) , University Karlsruhe (TH)
1997 - 1998	TRAINEE Program at DOW-Chemicals , TEXAS/USA
1999 - 2004	Phd Research Position – Institute Thermal Process Engineering (TVT), University Karlsruhe (TH)
2004	Dr.-Ing. “Drying of polymeric thin films” accomplished with “ summa cum laude ”
2001 - 2003	Lecturer (deputyship), University of Applied Science (FH) In Karlsruhe
2005 – 2006	Senior lecturer University Karlsruhe (TH)
2007 - 2008	R&D department (LOFO High Tech Films / Switzerland) , Research Engineer & assistant of CTO
2009	Professorship Thin Film Technology (TFT) at Karlsruhe Institute of Technology (KIT) New Professorship within KIT Elite Future Concept, 5 years co-funded by BASF, BAYER, ROCHE
2014	W3 Professorship offer to TU DRESDEN (“Excellence University”) Mechanical Engineering Department – refused
2021	Visiting Professor at Seoul National University (SNU)
2020	EDWARDS Fellow - University CAMBRIDGE – Center for Soft Matters

Honors

2005	CARL FREUDENBERG AWARD (awarded biannually since 1956 for excellent Phd thesis at University Karlsruhe (TH))
2007	ARNOLD EUCKEN AWARD from VDI-GVC (Award in Chemical Engineering in Germany)
2008	L.E. SCRIVEN YOUNG INVESTIGATOR AWARD from ISCST
2012	HONORY DOCTORATE (Dr. h. c.) Technical University Iasi
2015	KIT NEULAND Innovation Award for battery electrode coating technology and patent
2021	EDWARDS FELLOWSHIP from UNIVERSITY CAMBRIDGE (UK)
2022	EXCELLENCE IN DRYING AWARD from IDS (since 1986 awarded for Excellence in Drying Research)

Since 2009 **37 best** posters, talks & innovation awards to member of **TFT group** (www.tft.kit.edu/784.php)

Selected Activities

2023	ECS PRESIDENT of the European Coating Society (ECS)
2019	ECS SYMPOSIUM Chairman - ECS 2019 in Heidelberg
2018	ECS VICE PRESIDENT - European Coating Society (ECS)
2016	Thin Film Technology Forum Organizer of the Short Course & TFT Forum
2012	ISCST VICE PRESIDENT EUROPE - International Society of Coating Science & Technology (ISCST)
2010 & 2012	CEP JOURNAL GUEST EDITOR (2010 & 2012) - Chemical Engineering and Processing (CEP)
2009	ECS SYMPOSIUM Chairman - European Coating Symposium ECS 2009 in Karlsruhe
2008	VDI WÄRMEATLAS (Heat Atlas) Book Chapter: Impinging Jets & Diffusion & Sorption
2007	DECHEMA /PROCESS NET: Heat & Mass Transfer Scientific Committee
2006	DECHEMA /PROCESS NET: Drying Technology , Scientific Committee:

Publications - Patents

h-INDEX (Google Scholar, 04/2024): **36** Citations: **4611**; listed articles: more than 300, **Patents: 5**