

## **Short CV Wilhelm Schabel - Prof. Dr.-Ing. habil. Dr. h. c.**

Karlsruhe Institute of Technology (KIT)

Thin Film Technology (TFT)

Institute of Thermal Process Engineering, KIT Campus South

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1973 born in Zeiden/Siebenbürgen (Rom.), married, 5 children

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### **Curriculum Vitae**

1993 - 1998	Study of Process Engineering, University Karlsruhe (TH)
1997	International Trainee-Program at DOW-Chemicals, Freeport/Texas/USA
1999 – 2004	Phd assistant position, 2004 Dr.-Ing. degree (with distinction) on “Drying of polymeric films”
2002 – 2003	Lecturer (deputyship) at University of Applied Science (FH Karlsruhe), 3 terms
2005 – 2006	Senior lecturer position, University Karlsruhe (TH)
2007 - 2008	Research Engineer, R&D department LONZA High Tech Films (Switzerland/Basel/Taiwan)
2009 – 2017	W2 Professorship Thin Film Technology (Shared Professorship: funded by BASF, BAYER, ROCHE within the KIT ELITE Future Concept I for 8 years)
2014	W3 Professorship offer (W3-Dünnschichttechnologie) TU DRESDEN (refused)
2020	Visiting Professor at University of CAMBRIDGE, CHEM-ENG. Department / Gonville & Caius College

### **Honors**

2005	CARL FREUDENBERG AWARD awarded from Rector of the UNIVERSITY KARLSRUHE (TH) for best Phd thesis
2007	ARNOLD EUCKEN AWARD awarded from VDI-GVC (highly ranked award in Chemical Engineering in Germany)
2008	L.E. SCRIVEN Young Investigator AWARD awarded from International Society of Coating Science & Technology (ISCST - US/Los Angeles)
2012	HONORY DOCTORATE (Dr. h. c.) from Technical University of Iasi (1813) at the 100-year anniversary ceremony of Chemical Eng.
2015	NEULAND AWARD, 1-. Prize From KIT Innovation Department for a new Innovative Battery Electrode Coating Technology
2020	EDWARDS FELLOW from the UNIVERSITY of CAMBRIDGE – EDWARDS Fellowship
2009-2019	Co-author/- honored in 25 best poster & research awards to PHD students of TFT/SCHABEL group

### **Selected Activities**

2019	Chairman: annual Thin Film Technology Forum (5 <sup>th</sup> TFT Forum Karlsruhe), (Org. by DECHEMA/GVT)
2019	Chairman European Coating Symposium ECS 2019 /Heidelberg in cooperation with DECHEMA/GVT
2018	Vice President of the European Coating Society (ECS)
2012	Vice President Europe of the International Society of Coating Science & Technology (ISCST)
2012	Scientific Committee Member: ICECE, ICEEM
2010	Journal Guest Editor: Chemical Engineering and Processing, Special Issues in 2010 - 2012
2009	Organizer of Short Course in Coating & Drying of Thin Films in cooperation with DECHEMA/GVT
2009	Chairman European Coating Symposium ECS 2009 in Karlsruhe
2008	Editor / Author VDI Wärmeatlas / VDI Heat Atlas (Chapters: Impinging Jets/ Diffusion / Sorption)
2007	Editor of the Heat Exchanger Design Handbook (HEDH), Heat & Mass Transfer of Impinging Jets
2007	Scientific Committee of DECHEMA/ProcessNet: Heat & Mass Transfer
2006	Scientific Committee of DECHEMA/ProcessNet: Drying Technology

### **Publications, Patents, Invited Talks**

Google Research (05/2020): 221 listed articles, h-Index: 28, Citations: 2468; Patents: 4, 70 (Invited) Talks & Plenary Talks