

Short CV - Wilhelm Schabel - Prof. Dr.-Ing.

Karlsruhe Institute of Technology (KIT)

Thin Film Technology

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Born 1973 (Kronstadt/Siebenbürgen)

www.tft.kit.edu; www.mze.kit.edu; www.kit.edu



Short CV

- 1999 Dipl.-Ing. in Process Engineering, University Karlsruhe (TH)
- 1998 -99 Industry TRAINEE Program elected (DOW-Chemicals, TEXAS/USA)
- 2004 Dr.-Ing., Institute Thermal Process Engineering (TVT), Topic: "Drying of Thin Films" (with distinction)
- 2003 Lecturer at University of Applied Science Karlsruhe (Mechanical Engineering Department)
- 2005 Lecturer at University Karlsruhe (TH), Chemical Engineering Department (Institute TVT)
- 2007-2008 LONZA Foils (Switzerland): R&D Engineering (Film Casting R&D Department LoFo/Switzerland/Taiwan)
- 2009 Shared Professorship offer (W2) at Karlsruhe Institute of Technology (KIT) - Thin Film Technology funded by "KIT Elite Future Concept" and industry BASF, BAYER, ROCHE (3 M€ in total for 5 years). Founder of the first "Thin Film Technology" (TFT) research platform (worldwide)
- 2014 Professorship offer (W3) to TU DRESDEN (within the Dresden Concept / Excellence University), (W3 – Professorship in "Dünnschichttechnik" in Mechanical Engineering Department) – offer refused
- since 2018 Principal Investigator (PI) / DFG Cluster of Excellence "Post-Lithium Energy Storage (POLIS I)
- 2021 Visting Fellow at Gonville & Caius College / Univ. Cambridge
- since 2023 Edwards Fellowship at University Cambridge
- since 2023 PRESIDENT (elected until 2027) of the European Coating Society (ECS)
- 2023–2025 Lecturer at HECTOR School (Technology Business School of the KIT)
- since 2025 Principal Investigator (PI) in the Cluster of Excellence "Post-Lithium Energy Storage (POLIS II)

Honors

- 2005 **CARL FREUDENBERG AWARD** (awarded since 1956 for excellent Phd thesis at University Karlsruhe (TH))
- 2007 **ARNOLD EUCKEN AWARD** from VDI-GVC (awarded since 1952)
- 2008 **L.E. SCRIVEN YOUNG INVESTIGATOR AWARD**
- 2012 **HONORARY DOCTORATE** (Dr. h. c.) Technical University Iasi (since 1813)
- 2015 **KIT NEULAND Innovation Award**, 1. Prize for battery electrode coating patents
- 2021 **EDWARDS FELLOW** (UNIVERSITY CAMBRIDGE, UK)
- 2022 **EXCELLENCE IN DRYING AWARD** (since 1986 awarded for International Excellence in Drying Research)
- 2024 **TALLMADGE AWARD** (since 1992 awarded for International Excellence in Coating Science & Technology)
- Since 2009 Many National & International RESEARCH **AWARDS to PhD candidates of my group**
10/2026: 51 awards for outstanding research, best posters, best oral presentations, best innovation awards, best patents and best dissertations (see: www.tft.kit.edu/784.php)

Selected Activities

- Since 2023 ECS PRESIDENT elected by the European Coating Society (ECS)
- 2019 SYMPOSIUM Chairman - ECS 2019 in Heidelberg
- 2012 VICE PRESIDENT Europe of ISCST
- 2010-2012 JOURNAL GUEST EDITOR of CEP (2 Special Issues in Chemical Engineering and Processing Journal)
- 2009 SYMPOSIUM Chairman, ECS 2009 in Karlsruhe
- 2008 Board of Director of the International Science & Coating Society (ISCST)
- 2008 VDI HEAT ATLAS: Book Chapters in "Impinging Jets" and "Diffusion / Sorption in Polymer Solutions"
- 2007 DECHEMA: Member of the Board / Scientific Committee Heat & Mass Transfer
- 2006 DECHEMA: Member of the Board / Scientific Committee Drying Technology

Publications

Google Scholar (10/2026) : **h-INDEX: 45** 6925 Citations