

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

Thin Film Technology (TFT)

Karlsruhe Institute of Technology (KIT)

Wilhelm.Schabel@kit.edu

Born 1973 in Kronstadt (Transilvania)

Married w. Birgit: 5 children (Lilli, Willi, Hugo, Rosa, Karl-Leo)

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



Short CV - [Link-CV](#)

- 1999 **Process & Chemical Engineering** study, University Karlsruhe (TH), Diploma
- 1998 **TRAINEE** Program in Industry: **DOW-Chemicals**, TEXAS/USA
- 2004 Doctor Degree (**Dr.-Ing.**) at Inst. Thermal Process Engineering about Film Drying (summa cum laude)
- 2003 **Lecturer** (deputyship) in Heat Transfer at University of Applied Science (FH) in Karlsruhe
- 2005 **Lecturer** in Drying Technology & Mass Transfer at University Karlsruhe (TH)
- 2007 **Industry: R&D department** (Film Casting) at (**Lonza Foils** (LoFo)/ Switzerland), Assistant of CTO
- since 2009 **Professor of Thin Film Technology (TFT)** at Karlsruhe Institute of Technology (KIT)
founding of the first professorship in Thin Film Technology (TFT) in Germany
funded by the KIT Elite Future Concept I and industry-consortium: BASF, BAYER, ROCHE with 3 million €.
- 2014 **Professorship** to TU DRESDEN– (Excellence University since 2013),
Full W3 – Professorship Offer (Mechanical Engineering Department) **refused**
- since 2018 **Principal Investigator (PI)** in the **Cluster of Excellence** “Post-Lithium Energy Storage (POLIS)
- since 2022 **Visiting Fellow at University CAMBRIDGE** (EDWARDS Fellowship at Center for Soft Matter)
and Visting Fellow at Gonville & Caius College)
- since 2023 **PRESIDENT** of the European Coating Society (ECS)
- since 2023 Lecturer at KIT - 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 at UNIVERSITY CAMBRIDGE** (UK)
- 2022 **EXCELLENCE IN DRYING AWARD** (since 1986 awarded for Excellence in Drying Research by IDS)
- 2024 **TALLMADGE Award** (Int. Society of Coating Science & Technology (awarded since 1992)
- since 2009 More than a few RESEARCH AWARDS (> 45) to PhD candidates in my group (TFT)
for their outstanding research as best poster presentations, oral contributions, innovation awards,
patents, dissertation prizes (see: www.tft.kit.edu/784.php)

Selected Activities

- 2023 **ECS PRESIDENT** of the European Coating Society (ECS)
- 2019 **ECS 2019 SYMPOSIUM Chairman** - ECS 2019 in Heidelberg
- 2012 **ISCST VICE PRESIDENT**
- 2010 **JOURNAL GUEST EDITOR** (2010-2012) - Chemical Engineering and Processing (CEP)
- 2009 **ECS 2009 SYMPOSIUM** Chairman in Karlsruhe
- 2008 Chapters in **VDI HEAT ATLAS**: “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

h-INDEX: 41 **5893 Citations**, Google Scholar (2025) (www.tft.kit.edu/764.php)