

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

Thin Film Technology (TFT)

Karlsruhe Institute of Technology (KIT)

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Born 1973 in Kronstadt (Siebenbürgen/Transilvania/Rom.)

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

[www.tft.kit.edu](http://www.tft.kit.edu); [www.mze.kit.edu](http://www.mze.kit.edu); [www.kit.edu](http://www.kit.edu)

[Link to CV](#)



### **Short CV**

- 1999 Diploma (Dipl.-Ing.) in **PROCESS Engineering** University Karlsruhe (TH)
- 1998 **TRAINEE** Program in Industry at **DOW-Chemicals**, TEXAS/USA
- 2004 **Doctor** (Dr.-Ing.) about "Film Drying" with "summa cum laude"
- 2003** Lecturer (deputyship), University of Applied Science (FH) In Karlsruhe
- 2005 Senior lecturer at University Karlsruhe (TH)
- 2007 **Industry:** R&D (Lonza Foils / Switzerland), Research Assistant of CTO
- Since 2009 **Professor for Thin Film Technology (TFT)** at Karlsruhe Institute of Technology (KIT)
- 2014 Professorship offer to Excellence University TU DRESDEN– refused
- Since 2018 **Principal Investigator (PI)** in the Cluster of Excellence "Post-Lithium Energy Storage (**POLIS**)
- 2020 **Visiting Professor** at Seoul National University (**SNU**)
- Since 2022 **Visiting Professor** at University CAMBRIDGE (EDWARDS Fellowship at Center for Soft Matters)
- Since 2023 **PRESIDENT** of the European Coating Society (**ECS**)

### **Honors (www.**

- 2005 **CARL FREUDENBERG AWARD** (awarded 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**, 1. Prize for battery electrode coating patents
  - 2021 **EDWARDS FELLOWSHIP** from **UNIVERSITY CAMBRIDGE** (UK)
  - 2022 **EXCELLENCE IN DRYING AWARD** from IDS (since 1986 awarded for Excellence in Drying Research)
  - 2024 **43 "best poster and research awards"** to member of **TFT group**
- TFT AWARDS: [www.tft.kit.edu/784.php](http://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
- 2018 **ECS VICE PRESIDENT** - European Coating Society
- 2016 **Thin Film Technology Forum** Founder & Organizer
- 2012 **ISCST VICE PRESIDENT EUROPE**
- 2010 **CEP JOURNAL GUEST EDITOR (2010-2012)** - Chemical Engineering and Processing (CEP)
- 2009 **ECS 2009 SYMPOSIUM Chairman** in Karlsruhe
- 2008 **Book Chapters in VDI WÄRMEATLAS** (Heat Atlas): About Impinging Jets / Diffusion / Absorption
- 2007 **DECHEMA:** Member of the Board / Scientific Committee **Heat & Mass Transfer**
- 2006 **DECHEMA:** Member of the Board / Scientific Committee **Drying Technology**

### **Publications**

h-INDEX: 35

Scopus Research ID: [6506921961](https://www.tft.kit.edu/764.php) see <https://www.tft.kit.edu/764.php>