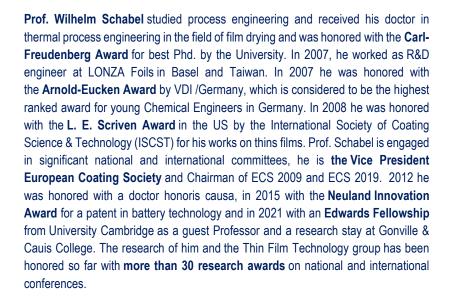


# **CELEST Member Short Profile**



## Wilhelm Schabel





### Thin Film Technology

Material Research Center for Energy Systems (MZE) Straße am Forum 7 76131 Karlsruhe

#### **Contact details**

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### Research areas

Heat- and mass transfer, thermodynamics, film processing, simulation, coating, drying

Lithium-ion and post-Li (POLiS-Cluster of Excellence) batteries, fuel cells, electrolysers, functional films, membranes

### Lab equipment

Characterization tools for: diffusion, thermodynamic, sorption, multicomponent concentration profiles, in-situ flow fiel measurements (3D µ-PTV), ...

Equipment: batch coating/drying, drying channels, pilot line coater, multi-zone impingement drying, N-IR drying, laser drying, nano-coatings, disperser, viscosimeter, magnetic suspension balance, inverse raman spectroscopy, fume hood, ...

Wilhelm Schabel @ TFT	Link TFT	Link lab equipment
Wilhelm Schabel	TFT-Homepage	<u>Link</u>





