

# MChG Lectures (TUM)

Winter semester 2024/2025

Location: Department Chemie (TUM) Lichtenbergstraße 4, 85748 Garching

Date / Time / Location

Title

03.12.2024, 17:15  
Hörsaal CH 26411  
(TUM)

[Prof. Ulrich Schubert](#)

Organic and Macromolecular Chemistry

Friedrich Schiller University, Jena

*Polymer-based batteries:  
Thin-film printable batteries and scalable redox-flow batteries*

17.12.2024, 17:15  
Hörsaal CH 26411  
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Evonik-MChG Symposium 2024

**17:15 h** Welcome by **Prof. Dr. Richard Fischer** (TUM) and  
**Dr. Christoph Weckbecker** (Evonik)

**17:20 h** **Philipp Kilian** – Evonik Operations GmbH  
*“PEEK for energy-efficient and silent transmissions”*

**17:40 h** **Stefan Reitschuster, M.Sc.** – TUM  
*“High-performance plastic gears to run battery-electric vehicles?”*

**18:00 h** **Prof. Thomas Brück** – TUM  
*“Whole cell conversion of greenhouse gases and industrial waste biomass into platform compounds for the chemical industry”*

**Prof. Dr. Andreas Liese** – TUHH  
*“Biocatalysis-Driven Sustainability in Fine Chemical Synthesis”*

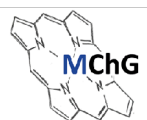
**18:35 h** **Dr. Jakob Müller** – Evonik Operations GmbH  
*“Biotechnology as a game changer for the cleaning and cosmetic industry”*

14.01.2025, 17:15  
Hörsaal CH 26411  
(TUM)

[Prof. Dr. Olaf Kruse](#)

Universität Bielefeld

*Bioengineering microalgae for their application as sustainable green cell factories*



28.01.2025, 17:15  
Hörsaal CH 26411  
(TUM)

[Prof. Dr. Katrin Sommer](#)

Ruhr University Bochum

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