

**Session Program**

**16-20 Jun 2025**

**Frontiers of Multi-scale Modeling in  
Materials, Energy & Catalysis XI**

**Session 7**

## Thursday 19 June

15:00

### Session 7: Electrochemical Modelling

Session |

**Location:** Haus der bayerischen Landwirtschaft, Rieder Str. 70, 82211 Herrsching am Ammersee, Germany

15:00-15:20 **Charge Transfer Rate Theories: Why? Which one? What for?**

**Speaker**

Harald Oberhofer

15:20-15:40

**On RAZOR's Edge: Are Electrified Solid/Liquid Interfaces within the Reach of ML?**

**Speaker**

Nicolas Bergmann

15:40-16:00

**Electron Spillover into Water Layers: A Quantum Leap in Understanding Capacitance Behavior**

**Speaker**

Lang Li

16:00