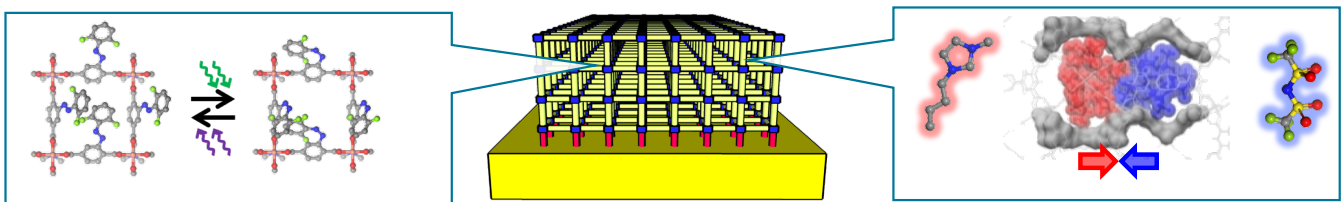


Dynamic Processes in Nanoporous Films (or Functional Thin Films of Metal-Organic Frameworks)

AG Heinke



Lars Heinke | BCP

Thin films of metal-organic frameworks

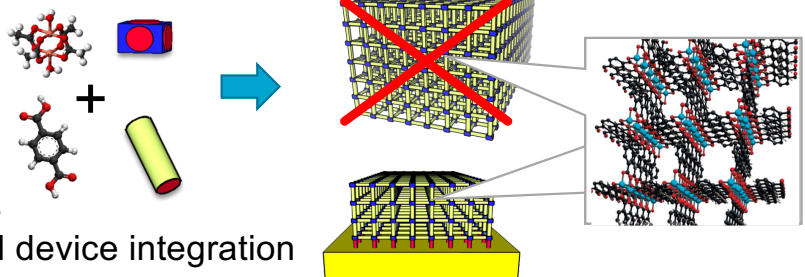
MOFs

□ 3-dim. crystalline solids

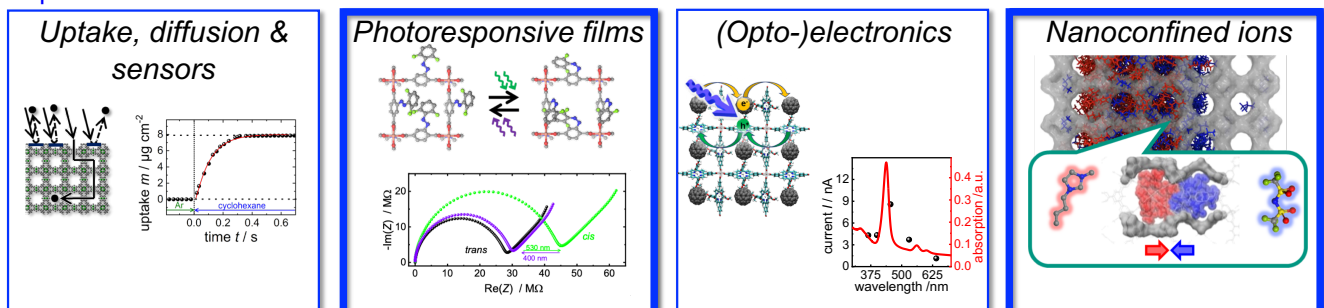
- metal ions → nodes
- organic ligands → linkers

□ Prepared as well-defined films

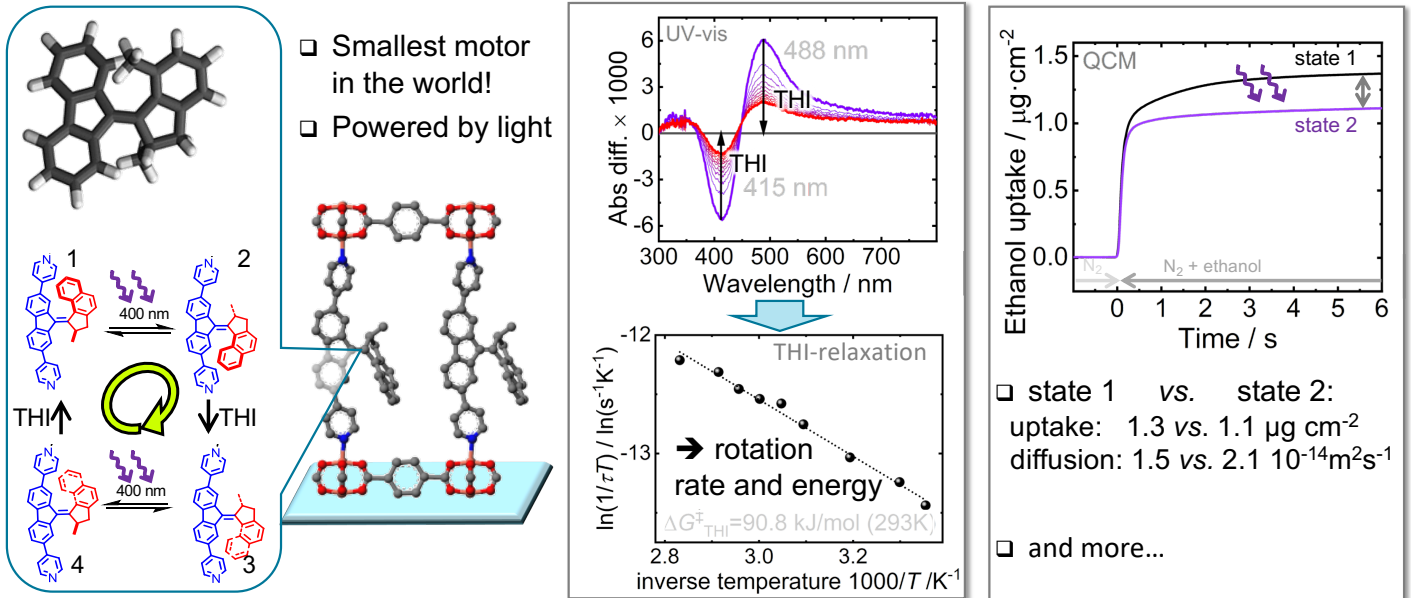
→ perfect for experiments and device integration



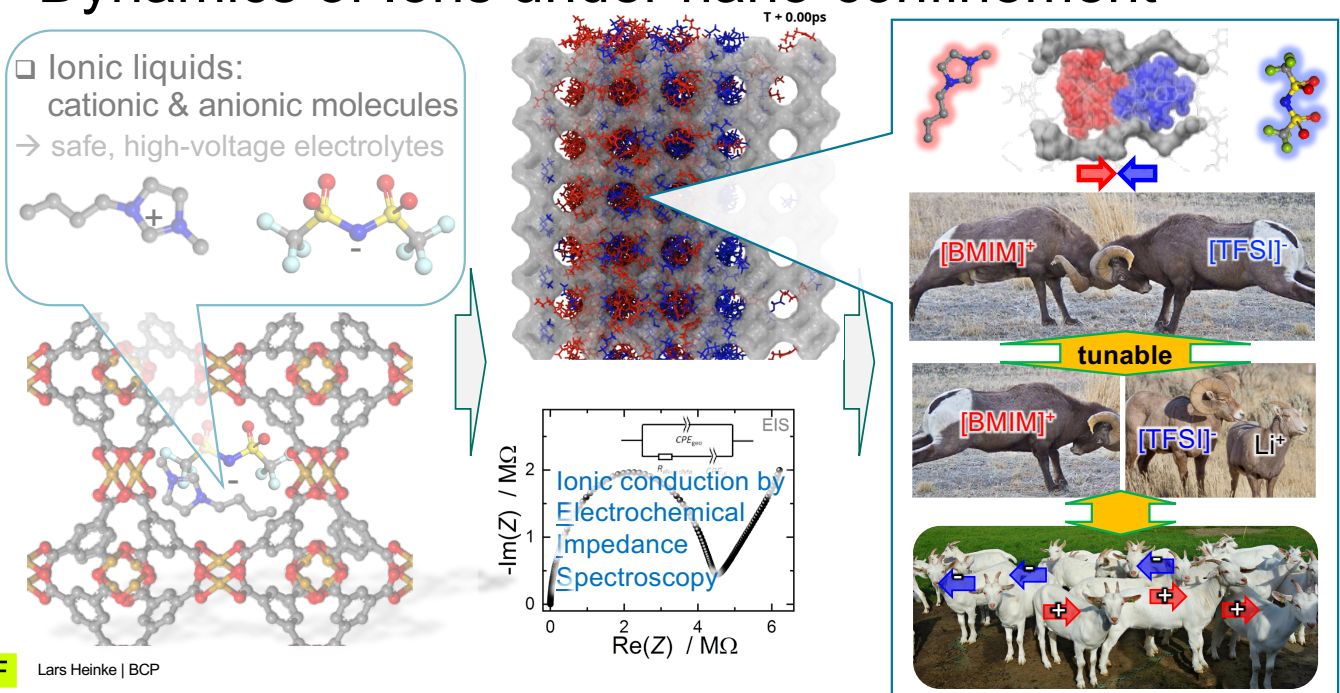
Topics



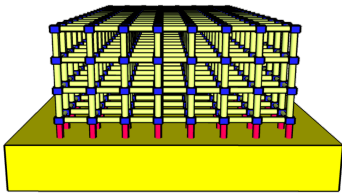
Molecular-motor MOF film



Dynamics of Ions under nano-confinement



If interested...



- Many vacant positions and projects, all levels.
- BSc, MSc, research internship.
- Also PhD student and postdoc positions

Topics

