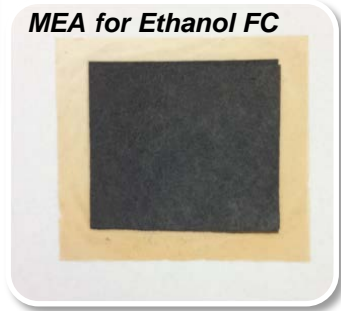
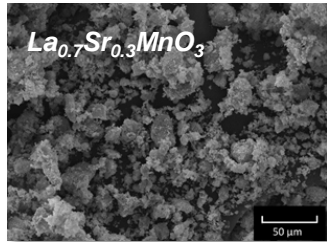


Low Temperature Fuel Cells

Catalyst Development and Characterization

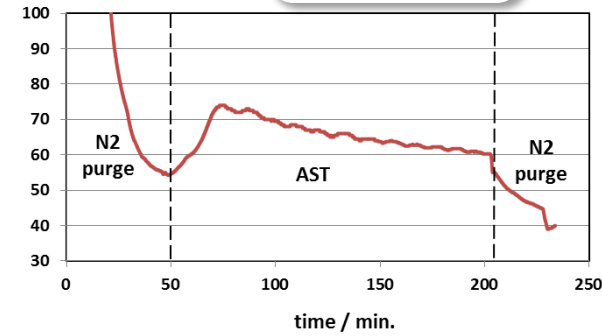
- Pt-free catalysts for ethanol oxidation
- Oxide catalysts for oxygen reduction
- Pt-alloy catalysts for high-temperature applications



- Projects:
- ePolykat
 - Keytech4EV
 - FC Diamond

In-situ MEA Testing:

- Accelerated Stress Tests (EIS, THDA)
- Degradation Analysis (exh. gas, IR thermogr.)



H₂ - Production

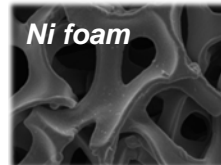
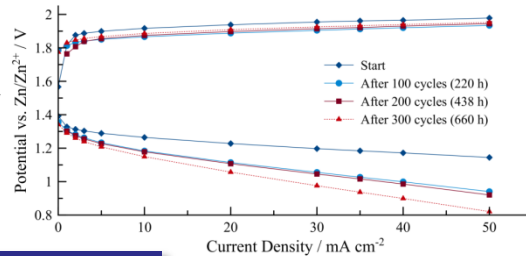
10 kW prototype system

- Projects:
- HyStORM



Metal-Air Batteries

- Projects:
- Luziflow



Electrode Manufacture



Material R&D

- Staatspreis bmvit 2017
- Houska-Preis 2017