

Pathways to a Sustainable and Circular Materials Development

The lecture series aims to familiarize participants with different concepts and approaches to include sustainability and circularity of future materials as an additional materials property into the material development already in an early stage.

Lecture units:

- Materials Demand
- Materials Criticality
- Life Cycle Assessment
- Recycling of Ceramics: The Case of Oxygen Transport Membranes
- Plastic Waste Conversion