

Sustainable Materials Concepts

A Ring Lecture Series on Sustainable Materials Development and Use

09.11.2021 – Tilmann Jarmer (TUM) – **Einfach Bauen. Was kann Material und was nicht.**

16.11.2021 – Dierk Raabe (MPL Eisen) – **Introduction to sustainable metals**

23.11.2021 – Martin Weis (Stuba) – **Sustainable Production, Environmental Impact, and the Life Cycle Assessment**

30.11.2021 – TBA

07.12.2021 – Taofeeq Ibn-Mohammed (Uni Warwick) – **Life cycle environmental implications of sustainable materials development: a case study of piezoelectric functional materials.**

14.12.2021 – TBA

11.01.2022 – Günter Schmid (SIEMENS Energy) – **Technical Photosynthesis: Renewable Synthesis of chemical Feedstock and Specialties employing Electrolysis & Syngas Fermentation**

18.01.2022 – Marius Peters (HIERN) – **The economics of sustainable photovoltaics.**

25.01.2022 – Neill Bartie (TU Braunschweig) – **Material and product life cycles for maximum sustainability and circularity – the case of Silicon/ Perovskite tandem photovoltaics**

01.02.2022 – TBA

08.02.2022 – TBA

Lectures: 17:15 – 18:45
Meeting-ID: 698 5199 1102
Kenncode: 225778

Organizers
Prof. Christoph Brabec – christoph.brabec@fau.de
Prof. Marcus Halik – marcus.halik@fau.de
Prof. Kyle Webber – kyle.g.webber@fau.de