

Montag, 12. Oktober 2020

ab 09:30 Empfang

- 09:45 **Klara Knupfer (Würfel)**
Organische Photovoltaik mit hoher visueller Transparenz
- 10:00 **Daniel Urban (Elsässer)**
Electromigration effects on atomic migration barriers in hard magnetic L1₀ intermetallic phases
- 10:15 **Julia Melke (Fischer)**
Mesoporous N-doped Carbon as Stable Pt Catalyst Support for the Oxygen Reduction Reaction
- 10:30 **Frederike Klimm (Speck)**
How tendrils coil in the climbing passion flower *Passiflora discophora*

10:45 – 11:15 Kaffeepause

- 11:15 **Dorothea Helmer (Rapp)**
Suspended Liquid Subtractive Lithography: 3D Printing in support matrices
- 11:30 **Jiaona Zou (Fiederle)**
Growth and characterization of CdMnTe by Bridgman technique
- 11:45 **Fabian Bär (von Issendorff)**
A new setup for XPS on size-selected clusters at synchrotrons
- 12:00 **Lisa-Sophie Ebers (Laborie)**
Lignin-based inks for Direct Ink Writing

12:15 – 13:15 Mittagspause

- 13:15 **Alexei Schmidt (Krossing)**
Towards Aluminium and Magnesium Batteries
- 13:30 **Hannah Buchheit (Mülhaupt)**
Ein isocyanatfreies Urethanacrylat-Baukastensystem für die Photopolymerisation und den 3D-Druck
- 13:45 **Frederik Kotz (Rapp)**
Shaping glass like a polymer
- 14:00 **Bilal Khatri (Balle)**
Fatigue and functionality in hybrid CF composites with applications in aviation

14:15 – 14:40 Kaffeepause

- 14:40 **Levente Szántó (Rapp, Mülhaupt)**
Rheological Characterization of temperature-dependent mesostructured PIB-ILs
- 14:55 **Biro / Henning (ISE)**
Batteriezelltechnologie am Fraunhofer ISE - Ein Überblick
- 15:15 **Jan Leendertse (Rechenzentrum)**
Research Data Management Group –Vorstellung und Aufgabenfelder (FDM Vortrag)

15:30 Ende des ersten Tages für das Auditorium

16:00 Mitgliederversammlung
u.a. Vorträge SG-Leiter (Szántó, Fiederle, Thomann)

Dienstag, 13. Oktober 2020

- 09:15 **Gopakumar Sivasankarapillai (Laborie)**
Wood adhesives from Tannin (Quebracho) based non-isocyanate polyurethanes
- 09:30 **Juan Sebastian Useche Parra (Fiederle)**
Radiation dose estimation in X-ray backscattering imaging using GEANT4 and CdTe Timepix
- 09:45 **Pegah Pezeshkpour (Rapp)**
A Microfluidic Biosensor Platform for Online Monitoring of Biofilm Formation and Growth
- 10:00 **Stephan Burger (Krossing)**
Towards safe and rechargeable high energy Lithium-Metal-Batteries
- 10:15 – 10:45 Kaffeepause**
- 10:45 **Peter Kappel (Speck)**
Impact properties of natural fiber / polyurethane composites
- 11:00 **Julian Martin (Fischer)**
Sustainable carbon materials for the design of fuel cell electrocatalysts
- 11:15 **Clemens Baretzky (Würfel)**
Einfluss von mobilen Ionen und Grenzflächen auf die Charakteristik von Perowskitesolarzellen
- 11:30 **Aravind Premanand (Balle)**
When will they break? Fatigue of CFRP in VHCF regime
- 11:45 Ende des zweiten Tages**