

## 3<sup>rd</sup> MARIE IRTG Scientific Seminar 2020

October 12<sup>th</sup>, 2020

- 09.30 – 10.30 Prof. Jan C. Balzer, UDE  
*Tutorial*  
An Introduction to Terahertz Time-Domain Spectroscopy
- 10.30 – 11.00 Dilyan Damyanov, UDE, M05  
Lensless Imaging and Material Characterization Techniques for THz Systems
- 11.00 – 11:30 Kevin Jerbic, UDE, M03  
Multiscale Modelling in the Context of a Broadband Tissue Analysis
- 11.30 – 13.00 Lunch Break
- 13.00 – 13.30 Xuan Liu, UDE, S01  
Design and Characterization of 3D Printed Polymer Terahertz Waveguides and Multi-Mode Interference Couplers
- 13.30 – 14.00 Orell Garten, RUB, M02  
Considerations Regarding Simulator Design for Electromagnetic Measurements Systems
- 14.00 – 15.00 Prof. Martin Koch, Philipps University of Marburg  
*Keynote Speech*  
Terahertz Spectroscopy for Material Sciences
- 15.00 – 15.30 *PhD Student Discussion*