

2nd MARIE IRTG Scientific Seminar 2022

May 2nd, 2022

- 9.30 – 10.15 **Prof. Dr. Martin Koch, Philipps-University Marburg,**
Keynote Speech
Applications of THz-TDS
- 10.15 – 10.45 **Marcel Andree, RUB, Co8.a/LP 2**
Passive THz Imaging using Direct Detection based
Integrated Circuits
- 10.45 – 11.05 **Coffee Break**
- 11.05 – 11.50 **Prof. Zacharay D. Taylor, Aalto University, Espoo, Finland**
Keynote Speech
Submillimeter wave reflectometry for in vivo estimation of
corneal water content with application to corneal graft
assessment
- 11.50 – 12.20 **Romina Schulz, TUD, Co7.c/LP 2&4**
Photonic Integrated Circuits for Terahertz Generation.
- 12.20 – 13.45 **Lunch Break**
- 13.45 – 14.15 **Thomas Haddad, UDE, Co7.a/LP 2&4**
Photonic-assisted 2D Beam Steering for THz applications
- 14.15 – 14.45 **Tobias Kubiczek, UDE, M05/LP 2**
Synthetic Aperture Radar based Reconstruction of
Burned Wood
- 14.45 – 15.45 *PhD Student Discussion*

Participation via Zoom:

<https://uni-due.zoom.us/j/66735891005?pwd=YTFEZ0VieWUrMFICZUVvRUVsYnR4UT09>

In case you participate in person, please refer to the agenda attachment for the venue: the seminar will take place in the Mercatur Haus, Lotharstraße 57, 47057 Duisburg on the second floor.



Please be aware, that the entrance to the Mercator-House is available from the Forsthausweg. Parking Lots are available at all marked positions. However we encourage to park on the big parking lot located above the NETZ building.

The seminar is held in terms of the university's restrictions due to Corona for meetings in presence. It is required to wear a medical mouth-nose covering in the building. However, in the interest of all, we would like to ask that a self-test or official test be taken before attending the seminar.