

**University Duisburg-Essen**  
Forschungsbau NETZ  
Room 2.42  
Carl-Benz-Str. 201  
47047 Duisburg

## IRTG Seminar

May 6th, 2022  
14:00 - 17:30

# Resonant Tunnelling Diodes at THz Frequencies

14:00

**Simone Clochiatti**

*Triple barrier RTD at THz: On-wafer characterization and free space detection capability*

University of Duisburg-Essen

14:30

**Prof. Dr. Edward Wasige**

*High Power RTDs at THz frequencies*

University of Glasgow

15:50

**Prof. Dr. Safumi Suzuki**

*Novel RTD oscillators and radar application*

Tokyo Institute of Technology

16:40

**Dr. Matteo Villani**

*THz Tunneling Beyond the Transit Time Limit*

Universitat Autònoma de Barcelona