



Group Conference
Semiconductor Photonics
1. December 2025

Start: 14:30 pm in the Lecture Hall in RH 7

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| 14:30 | Martin Koch
Welcome |
| 14:35 | Khaled Shakfa
"THz Lab in Abu Dhabi" |
| 14:50 | Yasith Amarasinghe
"Luneburg Lens Applications and Leaky Parallel-plate Waveguide Applications in the THz Region" |

15:20 Coffee break & Poster session

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| 15:45 | Felix Gorka
"Extend Range Optical Pump THz Probe Spectroscopy" |
| 16:00 | Tobias Hofmann
"An open hardware laser system for non-linear interferometry" |
| 16:15 | Maik Wehn
"A semi-portable 300 GHz system for monitoring the water status of plants" |

16:30 Coffee break & Poster session

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| 16:45 | Alexander Jäckel
"Conductivity measurements using THz waves" |
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17:00 Poster session

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| Posters | Benedikt Schulte
"Distance measurements with a 300 GHz transceiver" |
| | Kai Staeger
"MIR spectroscopy for water status measurements of plants" |
| | Andrii Stukanenko
"Phase correction technique in THz reflection spectroscopy" |
| | Annette Wist
"Setup of a portable THz-ATR system for liquid investigation" |
| | Andreas Oliver Both
"An open source low noise laser driver" |
| | Maryam Ramezanzadeh
"THz Emission from Field-Oriented Nile Red in DC-Aligned 5CB under Femtosecond Excitation" |