

## IRTG Summerschool 2024

Imaging quantum systems (IQS): photons, molecules, materials

Tuesday, 21.05.2024	
Location: Hörsaal 1, University of Rostock, Faculty of Mathematics and Natural Sciences, Institute of Physics	
	Chairperson: Prof. Stefan Scheel
09:00 Uhr - 09:20 Uhr	Welcome Speech Prof. Stefan Scheel (Uni Rostock)
09:30 Uhr - 10:30 Uhr	Material processing with ultrafast lasers Prof. Dr. Ravi Bhardwaj (Univ. Ottawa)
15 Minuten	Coffee break
10:45 Uhr - 11:30 Uhr	Materials seminar
11:45 Uhr - 12:00 Uhr	<b>Photo session</b>
12:00 Uhr - 14:00 Uhr	Lunch
	Chairperson: Prof. Simone Baltrusch
14:00 Uhr - 15:00 Uhr	Lecture: - <b>Room change: im LLM-Gebäude</b> Fluorescence lifetime imaging and beyond: theoretical and practical information Olaf Schulz (PicoQuant)
15:15 Uhr - 16:15 Uhr	Lecture: Second harmonic generation: signal generation using multi photon microscopy and Albased analysis Prof. Dr. Dr. Oliver Friedrich (Universität Erlangen)
16:30 Uhr - 18:30 Uhr	Poster Session Presentations and Welcome Party