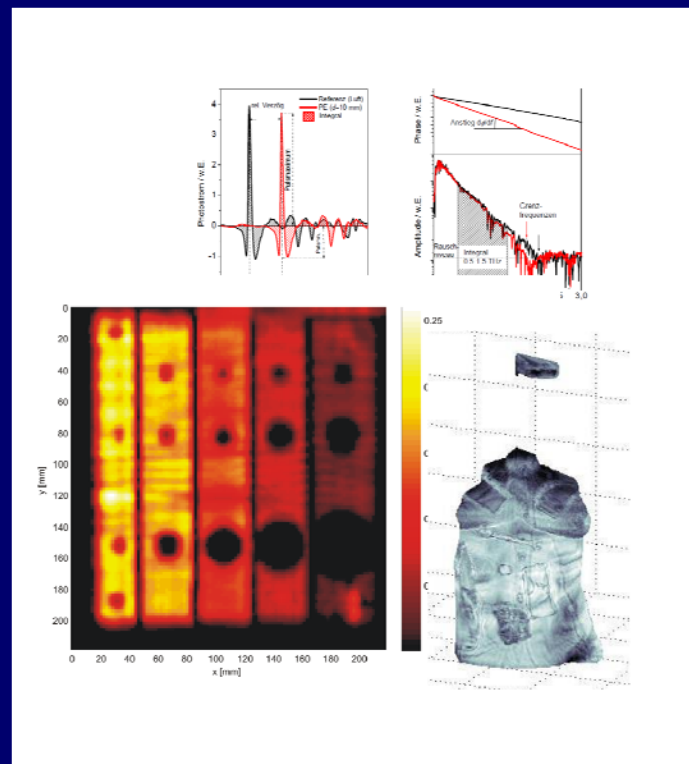


# 9th International SAOT Workshop

## "Advanced THz Applications and Systems"

June 11, 2010  
Erlangen, Germany



### Workshop Chair:

Prof. Dr.-Ing. Lorenz-Peter Schmidt  
Prof. Dr.-Ing. Bernhard Schmauß

### Local Organizing Committee:

Dr.-Ing. Andreas Bräuer, Dipl.-Ing. Martin Nežadal

----- Program -----

**Program**

<b>Friday, June 11</b>	
	<b><i>THz-Generation and Detection</i></b>
09:15	<i>Registration</i>
09:45	Welcome and Opening Remarks <i>Schmauß, Bernhard</i> – University Erlangen-Nuremberg, Germany
10:00	<i>Roskos, Hartmut</i> – University Frankfurt, Germany “Overview of THz Applications and Systems”
10:40	<i>Stake, Jan</i> – Chalmers University Göteborg, Sweden “THz-Technology based on Schottky Diodes and HBVs”
11:20	<i>Scalari, Giacomo</i> – ETH Zurich, Switzerland “THz Quantum Cascade Lasers”
12:00	<i>Leisching, Patrick</i> – TOPTICA Photonics AG, Gräfelfing, Germany “Laser-Based THz Sources and Applications”
12:40	Lunch
13:40	<i>Jacobs, Karl</i> – University Cologne, Germany “THz Radio Astronomy”

	<b>Friday, June 11</b>
	<b><i>THz-Measurement and Applications</i></b>
14:20	<i>Beigang, René</i> – University Kaiserslautern, Germany “Materials Characterisation with THz Short Pulse Systems”
15:00	<i>Nezadal, Martin</i> – University Erlangen-Nuremberg, Germany “Material Characterisations with cw-THz Systems”
15:30	Coffee break
15:50	<i>Nüßler, Dirk</i> – FGAN, Germany “THz Imaging for Medical Applications”
16:20	<i>Gumbmann, Frank</i> – University Erlangen-Nuremberg, Germany “High Resolution Short Range THz Imaging with Synthetic Apertur Radar”

## "Advanced THz Applications and Systems"

Conference Venue:  
Hans-Georg Waeber-Saal  
Schottkystraße 10 91058 Erlangen

