

IRTG 2495: Energy Conversion Systems

Collaborative Project Progress Presentations

The **Collaborative Project** on *Coupling electro-optical and electro-mechanical functionalities* is an important part of the qualification programme of the IGK2495. In particular, this activity brought doctoral researchers together to work jointly on an interdisciplinary research project on coupled photo-electro-mechanical materials and systems, helping to establish a common scientific language, broaden doctoral researchers understanding of related research topics, foster intercultural communication, strengthen the active collaboration of doctoral researchers, and act as an integrated soft-skills training on project development, proposal writing, scientific management, scientific communication, and teamwork.

Date: July 22nd, 10:00

Location: Seminar room 0.15

Martensstr. 5

91058 Erlangen

**In one year
we are looking
for new PhD
students!**

Schedule

10:00 – 10:30

Group 1: Investigations on Opto-electro-mechanical Sensing Applications Based on Bismuth Ferrite - Simulation and Manufacturing

10:30 – 11:00

Group 2: Piezophotonic and photostrictive effect in rare-earth metal doped glass-ceramics

11:00 – 11:30

Group 3: Co-Deposition of photo-ferroelectric heterostructures

After **11:30** Open discussion with everyone