



# Abbe Center of Photonics | JENA

Friedrich-Schiller-Universität

## MEMBERS

55 principal scientists, >300 doctoral students, ~130 Master students

### ADVISORY BOARD

Tränkle (Speaker, FBI Berlin)

Pohnert (FSU)

Kempe (Carl Zeiss AG)

Ritsch-Marte (Uni Innsbruck)

Zacharias (Uni Münster)

Zinner (TMWWDG)

### RESEARCH

#### ULTRA OPTICS

- Laser physics
- Nanooptics
- Photonic materials
- Optical systems
- Quantum technologies

#### STRONG FIELD PHYSICS

- Ultrahigh peak power lasers
- Nonlinear & relativistic laser physics
- X-ray optics

#### BIOPHOTONICS

- Novel spectroscopic techniques
- Multimodal biomedical imaging & microspectroscopy
- Chip-based analytics & diagnostics

### EDUCATION



#### Abbe School of Photonics | JENA

Friedrich-Schiller-Universität

- Master's degree program in photonics
- Doctoral program in photonics
- Optics training laboratory
- Guest professorship program

### CENTER MANAGEMENT

#### Board of Directors

Pertsch (Executive director)

Tünnermann (Deputy director)

Gräfe

Popp

Spielmann

#### Administration

Helgert (CEO)

Freyberg (Administrative assistant)

Kirchner (CRC1375 and PR)

Schmidt (Master's degree program)

Späthe (GRK2101 & doct. program)

Vetter (Project accounting)

### FACULTIES @ UNIVERSITY JENA

- Faculty of Physics and Astronomy
- Faculty of Biological Sciences
- Faculty of Chemistry and Earth Sciences
- Faculty of Medicine

### ASSOCIATED RESEARCH INSTITUTES @ JENA

- Fraunhofer Institute for Applied Optics and Precision Engineering (IOF)
- Helmholtz Institute Jena (HIJ)
- Leibniz Institute of Photonic Technology (IPHT)