

Abbe Center of Photonics | JENA

Friedrich-Schiller-Universität

*Light,
Life, Liberty*

MEMBERS

61 principal scientists, ~300 doctoral researchers, ~180 Master students

ADVISORY BOARD

- Grange (ETH Zurich)
- Kempe (Carl Zeiss AG)
- Pohnert (FSU)
- Ritsch-Marte (Uni Innsbruck)
- Schmidt (Uni Hannover)
- 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

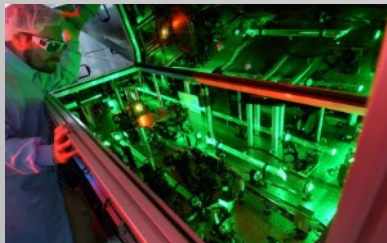
CENTER MANAGEMENT

Board of Directors

- Spielmann (Executive director)
- Popp (Deputy director)
- Gräfe
- Pertsch
- Tünnermann

Management team

- Helgert (CEO)
- Freyberg, Vetter (ACP Administration)
- Schmidt, Späthe (ASP, IRTG 2675)
- Kretzschmar (Lichtwerkstatt, Open Innovation)
- Domke, Henkel, Lukas, Sojka (Digitalization)
- Sollapur, Ziebell (Quantum Education)



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)
- German Optics Museum (D.O.M.)

