





Optics and its Applications in Quantum Technologies

Armenian - German WE-Heraeus Seminar

26-30 September, 2025 Yerevan, Armenia

Topics:

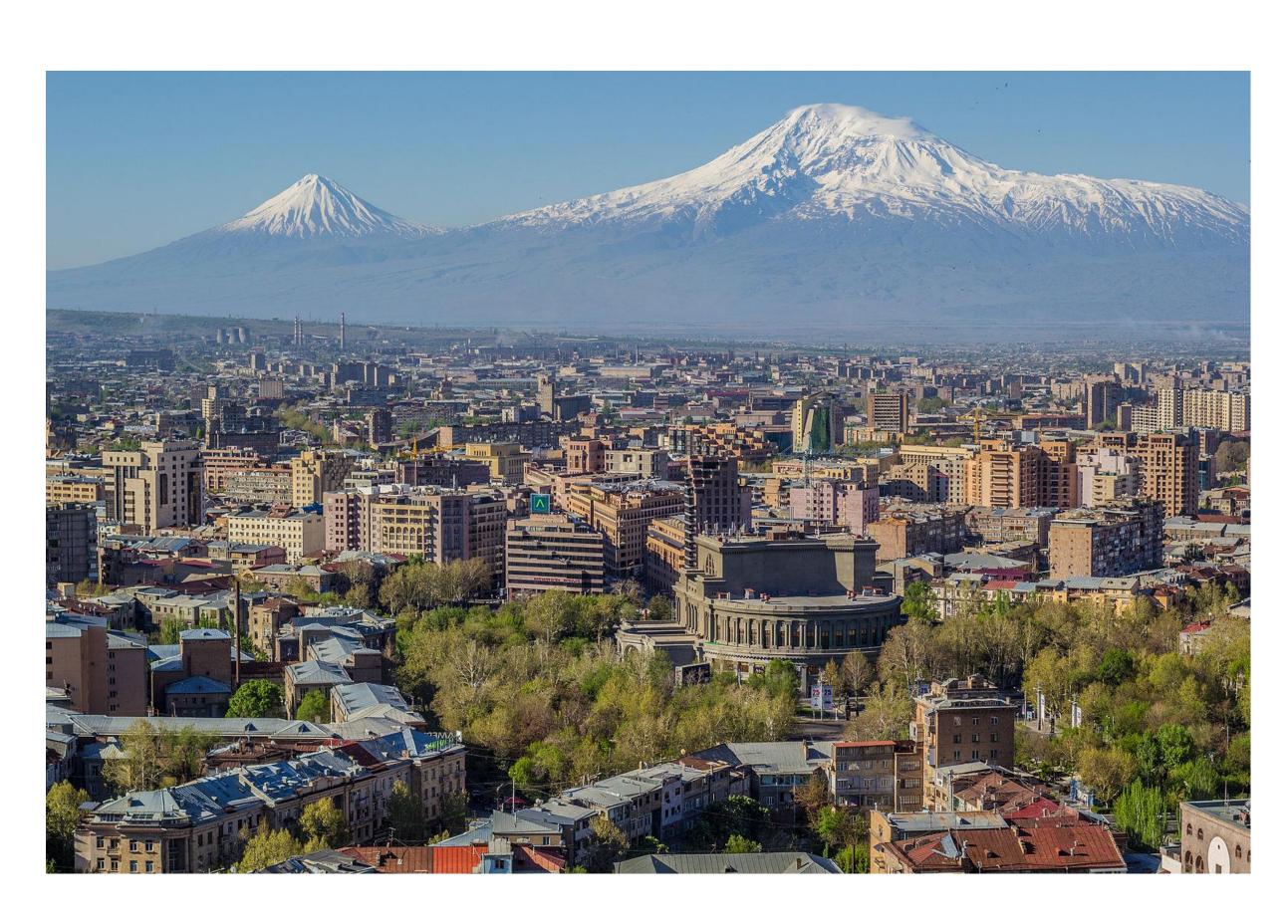
Quantum optics Quantum Information Biophotonics Optical properties of nanostructures Strongly correlated systems X-ray optics and its applications Beam optics Strong field optics Spectroscopy Nonlinear & ultrafast optics Fiber optics Integrated photonics Optical design Optical sensing 2D materials Nanophotonics Laser dynamics Singular optics

Organizing Centers:

✓ Institute of Applied Problems of Physics of the NAS, Armenia

Mathematical methods in optics

- ✓ HZDR CASUS, Germany
- ✓ University of Rostock, Germany



Highlights:

- ✓ Invited talks
- ✓ Student presentations (prize for best talk)
- **✓** Poster presentations
- **✓** Falling Walls Lab Armenia
- ✓ Visiting main scientific organizations of Armenia
- ✓ Lab tours
- **✓** Social events

Organizers

Scientific organizers:

Dieter Bauer (Uni. Rostock, Germany)
David Blaschke (HZDR-CASUS Görlitz, Germany)
Hayk Sarkisyan (IAPP of NAS, Armenia)

Local Organizing Committee:

Narine Gevorgyan (AANL, Armenia)
Aram Papoyan (IPR of NAS, Armenia)
Oleksandr Vitiuk (Uni. of Wroclaw, Poland)











