

2024 Interventional Biophotonics Week

Scientific Symposium and Summer School | July 22-26, 2024

2-Day Symposium Event Keynote Speakers (Monday-Tuesday)

**Stephen Boppart, M.D., Ph.D.**

Label-free Linear and Nonlinear Optical Imaging for Real-Time Intraoperative Assessment of Tumor Margins, Markers, and the Microenvironment

Professor and Grainger Distinguished Chair in Engineering
Director, NIH/NIBIB P41 Center for Label-free Imaging and Multiscale Biophotonics (CLIMB)
University of Illinois Urbana-Champaign

**Daniel Elson, Ph.D.**

Spectrally- and Polarization-Resolved Imaging In Vivo - Providing Surgical Guidance Using Vision and Robotics

Professor of Surgical Imaging
Imperial College London

**Jana Kainerstorfer, Ph.D.**

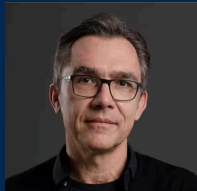
Optical Methods for Monitoring Systemic and Cerebral Perfusion in Humans and Marine Mammals

Associate Professor, Department of Biomedical Engineering and Neuroscience Institute
Carnegie Mellon University

**Adam Yala, Ph.D.**

Machine Learning for Personalized Cancer Screening

Assistant Professor, Computational Precision Health, Statistics, Electrical Engineering and Computer Science
University of California, Berkeley and University of California, San Francisco

**Jürgen Popp, Ph.D.**

Raman Spectroscopy for Medical Diagnosis

Professor and Chair Physical Chemistry
Scientific Director, Leibniz Institute of Photonic Technology (IPHT)
Friedrich Schiller University Jena

3-Day Summer School Event for Trainees (Wednesday-Friday)

For graduate students, postdoctoral scholars, and residents, three days of didactic sessions on biophotonics and AI, career panels, hands-on lab exercises and training with NCIBT instruments and AI data analysis, and tours of clinical environments and procedures.

Scan to register



Registration covers all meals during the event, a day trip to Lake Tahoe on Thursday, and lodging as follows:

- No lodging needed \$150
- Double room \$300
- Single room \$725

Audience

Basic scientists, engineers, residents, and clinicians at all levels of experience and training

Content

Two-day scientific symposium (all welcome) and three-day biophotonics summer school (for trainees)

Location

Genome and Biomedical Sciences Facility (UC Davis campus) and UC Davis Medical Center (Sacramento)

Contact

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