

ANNUAL INTERNATIONAL CONFERENCE

SARATOV FALL MEETING XXIX

29 SEPTEMBER – 3 OCTOBER, 2025, Saratov, Russia

20.07.2025 – Deadline for submission of abstracts

31.07.2025 – End of registration

SFM 25 expects:

18 Conferences and Workshops

7 Plenary Speakers

6 Invited Speakers

>100 Internet Reports

>100 Published papers

>300 Participants from **>20** Countries



Valery V. Tuchin
Chair of SFM

<https://sfmconference.org>

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CONFERENCES AND WORKSHOPS OF XIII SYMPOSIUM ON OPTICS & BIOPHOTONICS

- ✓ OPTICAL TECHNOLOGIES IN BIOPHYSICS & MEDICINE XXVII
- ✓ LASER PHYSICS AND PHOTONICS XXVII
- ✓ SPECTROSCOPY AND MOLECULAR MODELING XXVI
- ✓ ELECTROMAGNETICS OF MICROWAVES, SUBMILLIMETER & OPTICAL WAVES XXV
- ✓ NANOBIPHOTONICS XXI
- ✓ INTERNET BIOPHOTONICS XVIII
- ✓ NONLINEAR DYNAMICS XVI
- ✓ LOW-DIMENSIONAL STRUCTURES XV
- ✓ QUANTUM SCIENCE AND TECHNOLOGIES VI
- ✓ TERAHERTZ OPTICS AND BIOPHOTONICS VIII
- ✓ ADVANCED MATERIALS FOR OPTICS AND BIOPHOTONICS VIII
- ✓ APPLICATIONS OF LASER MOLECULAR IMAGING AND MACHINE LEARNING V
- ✓ ENDOGENOUS BIOPHOTONICS: ULTRA-WEAK LUMINESCENCE FROM BIOLOGICAL SYSTEMS IV
- ✓ OPTICAL CHEMO- AND BIOSENSORS

BRICS Workshop on Biophotonics IV – 2025

Chinese-Russian Workshop on Biophotonics and Biomedical Optics-2025

XXVIII INTERNATIONAL SCHOOL FOR JUNIOR SCIENTISTS AND STUDENTS ON OPTICS, LASER PHYSICS & BIOPHOTONICS:

- ✓ MODERN OPTICS XXIV
- ✓ ENGLISH AS A COMMUNICATIVE TOOL IN THE SCIENTIFIC COMMUNITY XXIV
- ✓ HISTORY, METHODOLOGY AND PHILOSOPHY OF THE OPTICAL EDUCATION XVIII
- ✓ ROUND TABLE OF HIGH TECHNOLOGIES COMMERCIALIZATION AND REGIONAL INNOVATION SYSTEMS XIX



PLENARY SPEAKERS



A NEW PARADIGM IN QUANTUM BIOPHOTONICS: PRESERVING ORBITAL ANGULAR MOMENTUM IN SCATTERING TISSUES

Igor V. Meglinski

Aston University, UK



IN VIVO OPTICAL MICROSCOPY AND ITS BIOMEDICAL APPLICATIONS

Ling Fu

Hainan University, China



PHOTONICS WORKS TOGETHER WITH NANO- AND MICROSTRUCTURED MATERIALS FOR BIOMEDICAL APPLICATIONS

Dmitry A. Gorin

Skolkovo Institute of Science and Technology, Skoltech, Moscow, Russia



TISSUE OPTICAL CLEARING FOR IMAGING BRAIN

Dan Zhu

Huazhong University of Science and Technology, China



LUMINESCENCE LIFETIME IMAGING: FROM FUNDAMENTALS TO APPLICATIONS AND CLINICAL RELEVANCE

Vladislav Shcheslavskiy

Institute of Experimental Oncology and Biomedical Technologies,
Privolzhsky Research Medical University, Nizhny Novgorod, Russia
Becker&Hickl GmbH, Berlin, Germany



PHOTOACOUSTIC, LIGHT-SPEED, AND QUANTUM IMAGING

Lihong V. Wang,

Caltech, USA



LOOKING BACK AT 35 YEARS OF SINGLE-MOLECULE OPTICS

Michel Orrit

Leiden University, Netherlands



SEEING LIFE IN A NEW LIGHT: FROM SIMPLE CLASSICAL PHYSICS TO QUANTUM-ENHANCED IMAGING

Vladislav V. Yakovlev

TAMU, USA

PROCEEDINGS

Conference papers will be published as:

Conference Proceedings (in Russian or English) under the title “Problems of Optical Physics and Biophotonics”
(Проблемы оптической физики и биофотоники)

Optics & Spectroscopy – Special section on Biophotonics (Russian or English)

Optics & Spectroscopy – Special section on Promising materials of optoelectronics, laser physics, and photonics
(Russian or English)

Special Issue of *Journal of Technical Physics on Laser Physics and Photonics* (Russian or English)

Special issue of *Journal of Biomedical Photonics & Engineering*

Selected papers of ***Journal of Biomedical Optics***

Selected papers of ***Journal of Biophotonics***

Selected papers of ***Journal Innovative Optical Health Science***

Selected papers of ***MDPI Materials***

Selected papers of ***MDPI Diagnostics***

All manuscripts will be subject to the normal peer review process for journals.

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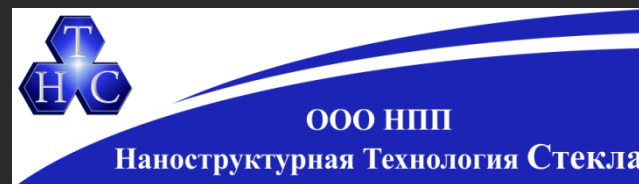
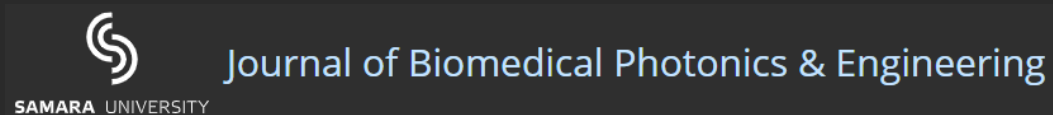
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