



The **Brazilian Optics and Photonics Society (SBFoton)** and the **IEEE Photonics Society (IPS)** announce the organization and realization of the **2024 SBFoton International Optics and Photonics Conference, 2024 SBFoton IOPC**. The sixth edition of this successful conference will be held in the city of Salvador, State of Bahia, Brazil, **from November 11th to 13th, 2024**.

SBFoton IOPC is an annual conference that draws in leading researchers harnessing light, or photons, and control its propagation phenomena for multiple applications and scenarios, thus stimulating scientific exchange among scientists and engineers from industry, research centers and academia.

SBFoton IOPC focuses on a broadband approach to optics & photonics related technologies. It is primarily designed for reporting on the latest findings on: Biophotonics; Integrated Photonics & Optoelectronics; Lasers; Optical Communication; Optics & Instrumentation; and Sensors, Image & Illumination.

The organizing and technical program committees plan an event with parallel (technical sessions) and shared (plenaries and social events) agendas. The 2024 SBFoton IOPC will follow the typical format of IEEE conferences, including technical sessions with the presentation of peer-reviewed papers, Plenary Talks, and Invited Talks. Submissions must use of the IEEE A4-paper template for conferences (<https://www.ieee.org/conferences/publishing/templates.html>) and 3-page limit. The 2024 SBFoton IOPC website will be launched soon and the deadline for papers registration and upload is August 19th 2024 using EDAS platform. Acceptance will be communicated on September 30th and final versions may be uploaded until October 21st 2024. **Accepted papers will be published on IEEE Xplore after their presentation at the conference.**

During submission authors should classify their papers according to the topic(s) they better fit in. This way, they will be assigned to the Technical Program of 2024 SBFoton IOPC. The **2024 SBFoton IOPC** welcomes original contributions in the following and other related relevant topics:

- Optical Fibers and Photonic Devices
- Optical Communication Systems
- Optical Networks
- High-Power Lasers and High-Field Phenomena
- Lasers Developments
- Lasers Applications
- Optical Materials and Processes
- Classic and Quantum Optics
- Spectroscopy, Imaging and Metrology
- Optical Instrumentation
- Computational Optics
- Biomedical Sensors and Wearable Systems
- Biomedical Imaging and Image Processing
- Therapeutic and Diagnostic Systems & Technologies
- Tissue optics and Light-tissue interactions
- Optical Sensors and Applications
- Displays and image sensors
- Green Photonics
- Microwave Photonics
- Lighting (illumination)

Important Dates

- Paper registration and upload opening: **July 1st 2024.**
- Deadline for paper registration: **August 19th 2024.**
- Deadline for paper upload (thus completing the submission process): **August 19th 2024.**
- Regular paper acceptance/rejection notification: **September 30th 2024.**
- Regular paper final version upload: **October 21st 2024.**
- Conference: **November 11th to 13th 2024.**

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Support:

