



# CALL FOR PAPERS

**ICFOCT 2020**  
**Apr 16-17, 2020**  
**Cape Town, South Africa**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICFOCT 2020 : International Conference on Fiber-Optic Communications Technologies is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Fiber-Optic Communications Technologies. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

- Fiber-optic communications
- Fiber-optic communication systems
- Optical communication systems
- Lightwave system components
- Geometrical-optics and optical fibers
- Optical transmitters
- Optical receivers
- Lightwave systems
- Optical amplifiers
- Dispersion management
- Multichannel systems
- Coherent lightwave systems
- Optical fibers

- Fiber optic data transmission systems
- Fiber optics transmission
- Advantages of fiber optics transmission
- Types of optical fiber
- Transducers
- BW capacity of fiber optics
- Transmission limitations
- Bandwidth bandwidth-distance factor and dispersion
- Optical source and detectors' sensitivity
- Optical transmission system design
- Line coding in optical transmission
- Fiber connectors