



# CALL FOR PAPERS

**ICOFACT 2020**  
**Sep 23-24, 2020**  
**Vancouver, Canada**

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.

ICOFACT 2020 : International Conference on Optical Fiber Communications Technology is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Optical Fiber Communications Technology. 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:

Optical fiber communication  
Fibers, fiber devices and fiber amplifiers  
Main characteristics of fiber optics communication system  
Light propagation in an optical fiber  
Mode analysis for single mode fiber  
Mode analysis for multimode fibers  
Surface plasmon resonance  
Optical fiber surface plasmon resonance sensors  
Optical signal generation  
Signal propagation in fibers  
Nonlinear impairments in fibers  
Signal recovery and bit error rate  
Loss management

Optical amplifiers  
Dispersion management techniques  
Nonlinearity management techniques  
Multichannel lightwave systems  
Optical networks  
Fiber transmission systems  
Fiber materials and fabrication processes  
Fiber cabling, coupling, and splicing  
Devices for fiber transmission  
Fiber transmission system  
Fiber measurements and propagation  
Waveguide and optoelectronic devices  
Digital and optical signal processing