



CALL FOR PAPERS

ICOFACT 2022
Sep 06-07, 2022
Prague, Czechia

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 2022 : International Conference on Optical Fiber Communication Technologies is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Optical Fiber Communication 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:

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