

Call for papers

Optical and Grid Computing Symposium (OGC)

ICNC 2020

Big Island, Hawaii, USA, Feb 17-20, 2020

<http://www.conf-icnc.org/2020/>

Symposium Co-chairs

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Scope

The Optical and Grid Computing Symposium will focus on state-of-the-art research topics related to all aspects of optical communications, networking, experiments, demonstrations, field trials, and applications in support of backbone/wireless/grid/cloud/fog/edge computing. To ensure a complete coverage of the advances in optical communication and networking related technologies, the Optical and Grid Computing Symposium aims at presenting original contributions in, but not limited to the following topical areas:

- Optical networks to support cloud, grid, and edge computing
- Network function virtualization (NFV) in optical networks
- Software defined networking (SDN) for optical networks
- Machine learning for technology in optical networks
- Optical networks and systems for IoT and smart grids
- Optical networking in 5G systems
- Convergence of optical and wireless networks
- Visible light communications and networks
- Free space optical communications and networking
- Optical network architectures
- Transparent and translucent optical networks
- Elastic/flexible-grid optical networks
- Multi-layer and multi-domain optical networks
- Optical access networks
- Optical inter and intra-datacenter networks
- Optical network design and reconfiguration
- Optical network control and management
- Software defined optical networks
- Optical network virtualization
- Routing and spectrum assignment
- Protection and restoration
- Traffic grooming and traffic engineering in optical networks
- Impact of the physical-layer impairments on optical network design and traffic engineering
- IP-WDM integration
- Multicasting in optical networks
- Optical network security
- Optical switching technologies, devices, and architectures
- Multi-granularity switching
- Field trials, new applications and experiments
- Energy-efficient/green optical networks and systems
- Techno-economic analysis

Submission Guidelines

Please follow the author instructions at <http://www.conf-icnc.org/2020/author.htm>

Direct paper submission for this symposium can be found at <http://www.conf-icnc.org/2020/cfp.htm>