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CALL FOR PAPERS

ICOC 2020 | December 4-6, 2020

International Conference on Optical Communications (Virtual Conference)

Topics

Track 1: Fibres, Fibre and Free Space Devices, Fibre Amplifiers

- Physics of light propagation in optical fibres
- Low-latency fibres and fibres for new wavelength ranges
- Specialty optical fibres for improved transmission performance

Track 3: Theory of Optical Communications

- Advanced data encoding and signal shaping
- Information theory for optical communications
- Transmission system modelling
- Capacity, reach, flexibility limits of optical transmission systems

Track 2: Digital Signal Handling Techniques

- Algorithms for DSP in optical transmission systems
- Machine Learning based DSP for optical transmission
- Modelling, design, and implementation of digital signal processing

Track 4: Point-to-Point Optical Transmission

- High capacity optical transmission for data center intra-connections
- Lab and field implementation of optical fibre transmission links
- Optical, optoelectronic, or electrical (incl. DAC/ADC) subsystems

Submission:

Submission Link:

<http://confsys.icconf.org/submission/icoc2020>

Full Paper Format:

<http://icoc.net/Template-Full Paper.doc>

Abstract Format:

http://icoc.net/files/Template_Abtract.doc

Proceedings:

All accepted papers will be published in conference proceedings, a high visibility online publication, which will be submitted for indexing of *Scopus*, *Ei Compendex*, etc.

Important Dates:

Submission Deadline: **October 25th, 2020**

Notification Deadline: November 5th, 2020

Registration Deadline: November 15th, 2020

Committee

Advisory Chair

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