

Special Session

Silicon Photonics

for

IEEE IEMCON 2019 - The 10th IEEE Annual Information Technology, Electronics & Mobile Communication Conference
17-19 October, 2019 - Vancouver, BC
<http://iee-iemcon.org/>

Chaired and Organized by

Nicolas A. F. Jaeger
Email: nickj@ece.ubc.ca

This special session will focus on current research into silicon-photonics components and systems and electronic-photonic circuits and systems aimed at meeting the future needs of data centers, communications systems, and quantum computing and information processing.

Topics include, but not limited to:

- Silicon-Photonics Components and Systems:
 - Light Sources,
 - Photodetectors,
 - Modulators,
 - Sensors,
 - Components and Systems for Wavelength-Division-Multiplexing/Demultiplexing.
- Electronic-Photonic Circuits and Systems:
 - Electronic Circuits for Silicon-Photonics Applications,
 - Monolithic Integration of Electronic and Photonic Circuits,
 - Hybrid Integration of Electronic and Photonic Circuits,
 - Electronic-Photonic Component Packaging and System Integration.

Paper Categories

Regular Paper – 7 pages maximum (3 additional pages allowed but at an extra charge)

Short Paper (Work-in-Progress) – 6 pages maximum (2 additional pages allowed but at an extra charge)

Poster – 5 pages maximum

Regular papers should present novel perspectives within the general scope of the conference. Short papers (Work-in-Progress) are an opportunity to present preliminary or interim results. Posters are intended for ongoing research projects, concrete realizations, or industrial applications/projects presentations.

Paper Submission Info:

IEEE IEMCON uses EDAS for submission.

Authors need to:

1. Create an account (if not already registered) with EDAS at <http://edas.info>
2. Submission link <https://edas.info/newPaper.php?c=25845&track=97639>

Important Dates:

Full Paper Submission: 30th June 2019

Acceptance Notification: 31st July 2019

Final Paper Submission: 21st August 2019

Conference: 17th - 19th October 2019

Contact:

Please send your inquiries to: himadri@iemcal.com