

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://ieee-iemcon.org/>

Chaired and Organized by

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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 July 2019
Acceptance Notification: 29th August 2019
Final Paper Submission: 17th September 2019
Conference: 17th - 19th October 2019

Contact:

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