



## Special Issue on Optoelectronic Integration and Optical Interconnection

### Call for Papers

The main advantages of optical interconnection are the large bandwidth, low crosstalk noise, low power supply, good performance of clock synchronization when the system is connected with long distance and design simplification. With the development of optical interconnection technology, it requires that optical devices must be developed in the direction of high speed, small size, low power consumption. Due to optoelectronic integrated device is of small size, low power consumption and good stability, it's the best choice for optical interconnection. The progress of optoelectronic integrated technology will profoundly change the development pattern of the optoelectronic industry, and promote the upgrading of the optoelectronic industry. At present, OEIC technology has begun to enter the field of electronic industry, effectively promote the development of information engineering, optical computing and other industries.

In this special issue, we intend to invite front-line researchers and authors to submit original researches and review articles on exploring **optoelectronic integration and optical interconnection**. Potential topics include, but are not limited to:

- Optical interconnection module and system
- Si based optoelectronic devices
- Monolithic integration and hybrid integration
- Integrated optoelectronic device simulation
- Optical coupling technique of silicon waveguide
- Application of micro nano structure in optoelectronic integration

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – Optoelectronic Integration and Optical Interconnection**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	July 11th, 2017
Publication Date	October 2017



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**Guest Editor:**

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