

# Special Issue on Optoelectronics and Photonics

## Call for Papers

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ADVANCES IN ELECTRICAL  
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The Advances in Electrical and Electronic Engineering journal invites authors to submit articles into the issue devoted to recent developments on optics and optoelectronics related topics. Both review and research papers are welcome. This issue is planned to be published in December 2014. The purpose of this special issue is to present a collection of original papers that give an overview of current progress of research, development, and applications of optical communication systems, optoelectronics and future optical network.

### Scope of the special issue:

The major topics of interest include (but topics are not limited in the field of optics):

- Access Network
- Core Network
- Transmission Systems and Their Subsystems
- Optical Fibers, Cables and Fiber Devices
- Optical Switching Systems and Related Technologies
- Semiconductor Active Optical Devices
- Optical Passive Devices and Modules
- Silicon Photonics Platform
- Optical Signal Processing, Display, Storage
- Free Space Optics
- Broadband wireless communications
- Optical Sensor networks
- Coherence and Statistical Optics
- Detectors
- Diffraction and Gratings
- Fiber Optics
- Fibers, Fiber Devices, and Amplifiers
- Fourier Optics and Signal Processing
- Integrated Optics
- Lasers and Laser Optics
- Medical Optics and Biotechnology
- Microscopy
- Nonlinear Optics
- Optical Transport and Large Scale Data Networks
- Photonic Crystals
- Physical Optics
- Quantum Optics
- Spectroscopy
- Subsystems for Optical Networks and Datacomms
- Terahertz optics
- Thin Films
- Waveguide and Optoelectronic Devices

### Important Dates:

Submission Deadline	June 30, 2014
Review Result Notification	September 1, 2014
Final Manuscript Due	October 1, 2014
Acceptance Notification	December 1, 2014
Tentative Publication Date	31 December 2014

SJR: 0.163 SNIP: 1.240



<http://advances.utc.sk>

## Submission Instructions:

We recommend to the authors to read carefully information published at the web pages of our journal Advances in Electrical and Electronic Engineering. Information "How to submit an article"; in to our redaction system is published in following link:

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- PDF only if you write your article in LaTeX (PDF file is uploaded as article, but LaTeX version of your article together with all figures, tables are uploaded as supplementary files). In terms of journal rules authors are asked to provide two suitable reviewers for their article. However, just in case of this special issue we are making an offer to all authors to choose if they want to recommend two reviewers for their articles themselves or will recommend one and leave assigning of second reviewer on the journal redaction. The pictures, charts and diagrams, which are listed in the article, have to be sent as enclosure in a one of formats listed below with 600 dpi or better:

- bmp,
- odr,
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Other formats are not accepted. The designation and description of images has to be accord the template for authors. We are primary preferring delivery of all pictures, charts and diagrams in supplementary file in vector format for the reason of articles transcription into the LaTeX template version.

Also we are asking all authors that are interested in publish their scientific work in this special issue to write into the Comments for Reviewer item "Special Issue on Optoelectronics and Photonics" during article submission to mark that their article is intended for publishing in this special issue.

There are no page charges for publication in this special issue.

The term for revising the manuscript after acknowledgement of conditional acceptance for this special section will be shorter than for regular issues (approximately 30 days) because of the tight review schedule. This special issue will accept papers only by electronic submission.

## Guest Editor:

**prof. Dr. Ivan Glesk, Ph.D., DSc. (University of Strathclyde Glasgow, UK).**

Professor Ivan Glesk received the M.S.'81 and Ph.D.'89 degrees in Quantum Electronics and Optics from Comenius University in Bratislava. In 1998, he received the D.Sc. degree from the Slovak Academy of Sciences. In 1986, Dr. Glesk joined Department of Experimental Physics at Comenius University where he later became Professor of Physics. He conducted his research in the area of nonlinear optics, liquid crystals, and remote sensing. As a recipient of the IREX Fellowship he was a Visiting Fellow at the Department of Mechanical and Aerospace Engineering at Princeton University, USA, in 1990-1991. In 1991, he joined the Department of Electrical Engineering at Princeton University where he became Senior Research Scholar and Manager of the Lightwave Communication Research Laboratory. In 2007, he joined Electronic and Electrical Engineering Department at University of Strathclyde, Glasgow as Professor of Broadband Communication Systems