

## Introduction to the OQE special issue on numerical simulation of optoelectronic devices NUSOD'13

Slawomir Sujecki · Julien Javaloyes · Urs Aeberhard · Weida Hu

Published online: 12 April 2014  
© Springer Science+Business Media New York 2014

This special issue of *Optical and Quantum Electronics* contains a selection of papers that were presented at the 13th International Conference on Numerical Simulation of Optoelectronic Devices (NUSOD) in Vancouver, Canada, August 19–22 2013. NUSOD'13 was chaired by Lukas Chrostowski from the University of British Columbia, Canada and Joachim Piprek, NUSOD Institute, USA.

The purpose of the NUSOD Conference is to provide a forum for scientists from research labs around the world to discuss the recent advances in the modelling of optoelectronic devices. This year the main topics included numerical modelling of light emitting diodes, photo-detectors, photonic crystal fibres, propagation of ultra-short optical pulses, photo-voltaic and optical integrated devices. The papers collected in this special issue of *Optical and Quantum Electronics* provide a comprehensive representation of the topics discussed at the conference.

The editors wish to thank all contributing authors for careful preparation of the manuscripts and the reviewers for their work and timely response. We now look forward to NUSOD'14 that will take place in Palma de Mallorca, Spain, September 1–4, 2014.

---

S. Sujecki (✉)  
Department of Electrical and Electronic Engineering, University of Nottingham,  
Nottingham NG7 2RD, UK  
e-mail: slawomir.sujecki@nottingham.ac.uk

J. Javaloyes  
Department of Physics, University of the Balearic Islands, Palma de Mallorca, Spain  
e-mail: julien.javaloyes@uib.es

U. Aeberhard  
IEK-5 Photovoltaik, Forschungszentrum Jülich, 52425 Jülich, Germany  
e-mail: u.aeberhard@fz-juelich.de

W. Hu  
National Lab for Infrared Physics, Shanghai Institute of Technical Physics,  
Chinese Academy of Sciences, Shanghai 200083, China  
e-mail: wdhu@mail.sitp.ac.cn