Special issue of optical and quantum electronics on information photonics

Piotr Nyga · Elzbieta Beres-Pawlik · Trevor Benson ·
Marian Marciniak

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The processing of information using photonics technology is the key to many emerging applications, for example bio- and environmental-sensing, in addition to more conventional uses for data transmission in the rapidly evolving information society. Information photonics thus encompasses the development of new theories, models, devices, systems and applications. This Special Issue presents some recent developments in this exciting field. Its scope includes the design and realization of novel photonic waveguide and signal processing structures, the design, fabrication, and testing of photonic crystals and polarisation maintaining optical fibres, novel photonic configurations incorporating metamaterials, and the use of photonics in bio-sensing and medical diagnostics.

The Guest Editors for the Special Issue thank all authors and reviewers for their expert contributions.

Guest Editors

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P. Nyga (✉)
Institute of Optoelectronics, Military University of Technology, Warsaw, Poland
e-mail: pnyga@wat.edu.pl

E. Beres-Pawlik
Wroclaw University of Technology, Wroclaw, Poland

T. Benson
University of Nottingham, Nottingham, UK

M. Marciniak
National Institute of Telecommunications, Kielce University of Technology, Kielce, Poland