Introduction to the OQE special issue on numerical simulation of optoelectronic devices NUSOD'12

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This special issue of Optical and Quantum Electronics contains the papers presented at the 12th International Conference on Numerical Simulation of Optoelectronic Devices (NUSOD'12) selected after a complete peer review procedure. The conference was held in Shanghai, China, from 28th to 30th August 2012. The chairs of NUSOD'12 were Wei Lu from Shanghai Institute of Technical Physics (China) and Joachim Piprek from NUSOD Institute (USA). The published papers present the intense work of a wide community of researchers spread all over the world focusing on the numerical simulation of semiconductor lasers, light emitting diodes, photodetectors, photonic crystals, novel optical materials and devices, integrated systems and solar cells. This issue represents an updated view of the new achievements obtained in the field of numerical simulation of optoelectronic devices.

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