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Quantum Dot Based Lasers and Photonic Devices

Guest Editor:

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Deadline for manuscript submissions:
closed (30 September 2015)

Message from the Guest Editor

Dear Colleagues,

This Special Issue is intended to highlight the recent progress and trends in the physics, materials science and device applications of quantum dot based lasers and photonic devices. We encourage researchers to report their new results, and research papers are welcome on the following topics—albeitnot limited to—concepts, design, fabrication and characterisation of low dimensional structures: quantum dot, wires and dashes, mode-locking and high speed dynamics in low dimensional structures, ultrafast semiconductor quantum dots/wires/dashes, optoelectronic materials, components and devices for photonic applications and advances in photonic device design.

Dr. Ian O'Driscoll
Guest Editor

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Special Issue