

Plenary Speakers



Quantum Dot Lasers for Integrated Photonics

Prof. Peter M. Smowton

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Peter M. Smowton received the B.Sc. degree in Physics and Electronics and the PhD degree in Electrical Engineering from the University of Wales, Cardiff, U.K., in 1987 and 1991 respectively. He is currently Professor of Optoelectronic Devices in the School of Physics and Astronomy in Cardiff University.

Interests include the design, fabrication and characterisation of optoelectronic devices. Current research topics include quantum dot lasers, III-V optoelectronics on Silicon and Integrated Optoelectronics for sensing applications.

Professor Smowton is a chair of the Novel In-Plane Laser Conference, Photonics West and has been past General chair of ISLC and General co-Chair of CLEO and organizes the annual Semiconductor Integrated OptoElectronics (SIOE) Conference in Cardiff. He is secretary treasurer of the IEEE Photonics Society and a Fellow of the Optical Society of America (OSA).