

Anniversary Workshop Speakers



Laser Diode Quantum Efficiency Revisited

Prof. Peter Blood

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Peter Blood is Honorary Distinguished professor in the School of Physics and Astronomy in Cardiff University. He worked previously at Philips Research Laboratories at Redhill in the UK and at Bell Laboratories Murray Hill in the US. His research activities have been in various areas of semiconductor physics, including studies of deep states in Si and in III-V compounds. Since 1983 he has conducted research into the physics of quantum confined lasers, with the Group at Cardiff developing spontaneous emission and stripe length techniques for the study of recombination and optical gain. Peter Blood is a Fellow of the IEEE and member of the Photonics Society, has given numerous tutorial and short courses at major international conferences, and has served as associate editor for the Journal of Quantum Electronics. He has co-authored two books on the characterization of semiconductors and has a book on laser diodes published by Oxford University Press in 2015.