24th Australian Institute of Physics Congress



Contribution ID: 299

Type: Invited talk

Defining & Optimising Chaos Bandwidth -Semiconductor Laser Systems

Wednesday 14 December 2022 16:00 (30 minutes)

Optimum semiconductor laser parameters for generating broad rf bandwidth chaotic output are informed by numerical simulation results of a SL with delayed optical feedback system. The simulation results are also connected with experiments.

Author: KANE, Deb

Co-author: Dr RADZIUNAS, Mindaugas (Weierstrass Institute, Leibniz Institute in Forschungsverbund)

Presenter: KANE, Deb

Session Classification: Conference on Optoelectronic and Microelectronic Materials and Devices

Track Classification: COMMAD: COMMAD: Photonic integrated circuits, semiconductor lasers, LEDs, photodetectors, and modulators