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## **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.

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**Session Classification:** Conference on Optoelectronic and Microelectronic Materials and Devices

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