



Centre de Nanosciences et de Nanotechnologies

Séminaire

Vendredi 08 septembre

11 heures

Salle 011 du C2N site Orsay

Dr. Pascal Landais

School of Electronic Engineering, Dublin City University

"Characterization and applications of passively mode-locked semiconductor lasers"

Résumé:

Passively mode-locked semiconductor lasers are multimode lasers able to generate short pulses (~2ps) at a repetition rate of 40 GHz even though they are dc biased. In the first part of this presentation an overview of mode-locking techniques will be given, and then some applications and results lasers will be showed.