BERLIN, NOVEMBER 9, 2009

Minisymposium

NONLINEAR DYNAMICS IN QUANTUM DOT DEVICES

Organized by: Weierstrass Institute for Applied Analysis and Stochastics (WIAS)
Supported by: Collaborative Research Center (SFB) 787
Organizers: A. Vladimirov and M. Wolfrum

PROGRAM

10:00 – 10:35 Kathy Lüdge (Berlin)
Comparison between two different QD laser rate equation models

10:35 – 11:10 Mindaugas Radziunas (Berlin)
Modeling, simulations and analysis of quantum-dot mode locked lasers

11:10 – 11:35 Coffee Break

11:35 – 12:10 Evgeny Viktorov (Brussels)
Slow recovery and noise-induced dynamics in QDL

12:10 – 14:00 Lunch

14:00 – 14:35 Guillaume Huyet (Cork)
Controlling mode-locked lasers with optical injection

14:35 – 15:10 Gerrit Fiol (Berlin)
QD monolithic mode locked lasers

15:10 – 15:35 Coffee Break

15:35 – 16:10 Dmitry Puris (Berlin)
Time-domain modeling of QD-SOA for broadband optical signals

16:10 – 16:45 Dmitrii Rachinskii (Cork) (not yet confirmed)

All interested people are welcome to attend!

LOCATION: Ehrhard Schmidt lecture room
Weierstrass Institute for Applied Analysis and Stochastics (WIAS)
Mohrenstr. 39, 10117 Berlin