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

WIAS

Halbleiter-Nanophotonik SFB 787