IRTG Nano Training Program

Symposium on Nano-optoelectronic Effects and Photovoltaics

in collaboration with Swinburne University and the Australian Trade Commission

Friday, November 12, 2010
University of Konstanz, Sonnenbühl, Room X3217

9.00 Kinetics of the Boron-Oxygen related Defect in Theory and Experiment
Axel Herguth, Fachbereich Physik/Photovoltaik, Universität Konstanz

9.20 Surface Recombination in Crystalline Silicon Materials for Solar Cells
Barbara Terheiden, Fachbereich Physik/Photovoltaik, Universität Konstanz

9.40 Silicon Ribbon Materials for Photovoltaics
Sven Seren, Fachbereich Physik/Photovoltaik, Universität Konstanz

10.00 Coffee Break

10.20 Three-dimensional Structuring of Material by Light
Saulius Juodkazis, Centre for Micro Photonics, Swinburne University of Technology, Australia

11.20 Coffee Break

11.40 Laser-induced Electronic Transport through Metallic Nanostructures
Daniel Benner, Reimar Waitz, Elke Scheer, Fachbereich Physik, Universität Konstanz

12.00 Silicon Membranes: a Versatile Tool for Studying Thermal Processes
Markus Schmotz, Roman Bek, Judith Maier, Paul Leiderer, Fachbereich Physik, Universität Konstanz

12.20 Surface Plasmons for Nonlinear Optics
Johannes Boneberg, Michael Lutz, Jörg Schmauder, Fachbereich Physik, Universität Konstanz

12.40 Final Discussion