

3. IR-ON WORKSHOP

Wednesday, January 31st, 2007

PROGRAMME

(18:00		Vorstandssitzung)
19:00	Dinner	
(20:30	Projektleiter	Mitgliederversammlung)

3. IR-ON WORKSHOP

Thursday, February 1st, 2007

PROGRAMME

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|-------|-----|----------------------|--|
| 09:00 | | Welcome | |
| 09:05 | P06 | Roman Leitsmann | Surface influence on stability and structure of III-V nanorods: First-principles studies |
| 09:25 | P06 | Georg Kresse | GW with vertex corrections: towards accurate ab initio band gaps |
| 09:45 | P04 | Mathias Simma | Band offsets and deformation potentials in strained PbSe/PbEuSeTe heterostructures |
| 10:05 | | Coffee break (30min) | |
| 10:35 | | Philippe Boucaud | Nanospectroscopy of a single quantum dot in the mid-infrared |
| 11:20 | P12 | Thomas Fromherz | Bandstructure and Photoluminescence of SiGe Islands with controlled Ge concentration |
| 11:40 | P11 | Thomas Gebhard | Intraband InAs/InAlGaAs/InP Quantum Dot Detectors for the MIR |
| 12:00 | | Lunch | |
| 13:30 | P05 | Michaela Böberl | Nanocrystal photodetectors for the infrared |
| 13:50 | P09 | Gerhard Karlowatz | Modeling of blocked impurity band photo detectors |
| 14:10 | P08 | Wolfgang Brezna | Photocurrent Imaging and Spectroscopy on GaAs/AlAs/InAs Heterostructures |
| 14:30 | | Coffee break (30min) | |
| 15:00 | | Peter Michler | Quantum optical studies of quantum dot molecules and pillar microcavities |
| 15:45 | P13 | Tillmann Kubis | Non-equilibrium quantum transport theory of quantum cascade lasers: gain and interface roughness |
| 19:00 | | Dinner | |

3. IR-ON WORKSHOP

Friday, February 2nd, 2007

PROGRAMME

09:00	Welcome	
09:05	Kurt Busch	Time-domain simulations of Maxwell's equations using Krylov-subspace methods
09:50	P07 Kiran Mundboth	Microdiffraction on Individual micron-sized structures - from ensemble average to single object properties
10:10	Coffee break (30min)	
10:40	Oliver Schmidt	Quantum dots: Growth, devices, artificial matter
11:25	P02 Dietmar Pachinger	Stranski-Krastanov growth of tensely strained Si on Ge (001) substrates
11:45	P03 Max Andrews	InAs QDs for intersubband devices
12:05	Lunch	
14:00	Workgroups	
16:00	End	