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POLARCON Meeting Uni Stuttgart 02.02.2015  
Organisation: F. Scholz, M. Jetter  
Place: Room 0.003, Allmandring 3, 70569 Stuttgart

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Agenda\_POLARCON\_meeting\_Stuttgart\_201

## Agenda

- 9:30 Welcome
- 9:40 T. Meisch, M. Caliebe, M. Hocker, K. Thonke, F. Scholz et al.(Uni Ulm): Semipolar GaInN-GaN quantum well structures grown on patterned sapphire wafers.
- 10:05 P. Horenburg, E.R. Buß, U. Rossow, H. Bremers, T. Meisch, M. Caliebe, D. Henzler, F. Schwarzhuber, J. Zweck, F. Scholz, and A. Hangleiter (TU Braunschweig): One-directional lattice matching and relaxation in non- and semipolar AlInN layers
- 10:25 T. Langer, M. Klisch, F. A. Ketzer, H. Jönen, H. Bremers, U. Rossow, T. Meisch, F. Scholz, and A. Hangleiter (TU Braunschweig): Radiative and nonradiative recombination in non- and semipolar GaInN/GaN quantum wells
- 10:45 J. Wagner, M. Jetter (Uni Stuttgart): Defect reduced selective grown GaN pyramids as template for green InGaN quantum wells
- 11:10 Coffee Break
- 11:30 S. Neugebauer, S. Metzner, J. Bläsing, P. Veit, A. Dadgar, F. Bertram, J. Christen, A. Krost, and A. Strittmatter (OvG Uni Magdeburg): Polarization compensation of InGaN quantum wells using AlInGaN barriers
- 11:55 T. Wernicke, M. Rychetsky (TU Berlin): Determination of Polarization Fields by CV-Measurements and Epitaxy of Semipolar Lasers
- 12:20 J. Zweck et al. (Uni Regensburg): Electron microscopy on non- and semipolar nitrides: summary and prospects
- 12:45 Lunch
- 13:35 S. Metzner, M. Müller, G. Schmidt, F. Bertram, J. Christen et al. (OvG Uni Magdeburg): Micro- and nanoscopic cathodoluminescence characterization of structural defects and active regions in polarization controlled nitrides
- 14:00 F. Römer, B. Witzigmann (Uni Kassel): Modelling Unintentional Doping and Impurities in III/Nitride LEDs
- 14:25 R. Leute et al. (Uni Ulm): Semipolar GaInN quantum wells on pre-structured surfaces for applications in laser diodes and photonic crystal LEDs
- 14:50 C. Mounir and U.T. Schwarz (Uni Freiburg): Band structure and polarized photoluminescence of semi- and non-polar InGaN quantum wells
- 15:15 Coffee Break
- 15:35 Comments from reviewers, from DFG
- 16:00 Miscellaneous, discussion of potentials for future cooperation
- 16:30 End