

Poster Session

(Tuesday 07/06, 18:00)

- P1** A. Abdallah , N. Tabet, S. A. Said
Growth and optical properties of ZnO nanowires thin films
- P2** J. Bak-Misiuk, J. Sadowski, P. Romanowski, E. Dynowska, T. Wojciechowski, J. Z. Domagala, W. Caliebe, A. Misiuk
Characterization of granular GaSb:MnSb films by SEM and X-ray methods
- P3** R. Bakowski, S. Eiternick, D. Lausch, K. Petter
Efficient methods for detection of SiC and Si₃N₄ precipitates and filaments in multicrystalline silicon wafers and solar cells
- P4** S. K. Brantov, O. V. Feklisova, E. B. Yakimov
Characterization of silicon ribbon by the SEM methods
- P5** J. L. Casas Espínola, T. V. Torchynska, G. Polupan, M. Ojeda Martínez:
Dispersion of photoluminescence peak positions en InAs QD asymmetric multi quantum well structures
- P6** J. L. Casas Espínola, T. V. Torchynska, J. Palacios Gomez, G. Gómez Gasga, A. Vivas Hernandez, R. Cisneros Tamayo
Elastic stress and emission nonhomogeneity in InAs quantum dot DWELL structures
- P7** B. Chen, H. Matsuhata, T. Sekiguchi, T. Ohyanagi, A. Kinoshita, H. Okumura
Diagnosis of extended defects in 4H-SiC Epi-films using scanning electron microscopy techniques
- P8** P. Corfdir, P. Lefebvre, A. Dussaigne, J. Ristic, T. Zhu, D. Martin, N. Grandjean, B. Deveaud-Plédran, J.-D. Ganière
Exciton relaxation and recombination mechanisms in a-plane GaN probed by time-resolved cathodoluminescence
- P9** P. Corfdir, D. Simeonov, E. Feltin, N. Grandjean, B. Deveaud-Plédran, J.-D. Ganière
Time-resolved cathodoluminescence on (In,Ga)N/GaN quantum wells grown on non-coalesced ELO-GaN
- P10** M. Debeza, D. E. Mekhib, R. J.Tarentoa
Contribution to the knowledge of a metallic precipitate electrical activity in a p-semiconductor-A comparative study
- P11** F. Detto, N. Armani, L. Lazzarini, G. Salviati, B. Rossi, L. Aversa, M. Nardi, T. Toccoli, R. Verucchi, S. Iannotta
Nanoscale Investigation of radiative recombination processes and structural properties of mixed-phase TiO₂ nano-particles

- P12** H.-J. Fitting, D. A. Zatsepin
Si⁺ implantation and ion beam mixing in SiO₂/Si interfaces
- P13** A. N. Gruzintsev, A. N. Red'kin, E. E. Yakimov, E. B. Yakimov
Cathodoluminescence study of individual ZnO nanorods
- P14** F. Kezzoula, S. E. H. Abaidia , A. Keffous , M. Kechouan
Crystallization of amorphous silicon by aluminium assisted under the variation of the temperature
- P15** A. Lahreche, Y. Benkiniouar-Beggah
The choice of the right electron range to connect with uniform generation shape in modeling EBIC signal problem and solution
- P16** F. Machalett, J. Lossen, M. Weiß, J. Dellith, H.-J. Krokoszinski
Investigation of front contacts of crystalline Si solar cells with FIB and SEM
- P17** A. Minj, D. Cavalcoli, A. Cavallini
Conduction mechanisms in Al_{0.84}In_{0.16}N/AlN/GaN investigated at the nanoscale
- P18** T. H. Nguyen, G. Mahieu, B. Grandidier, Y. Justo, Z. Hens
Identification the electronic states in PbSe/CdSe core/shell Quantum dots (QDs or Nanocrystal (NCs)) by tunneling spectroscopy
- P19** M. Nichterwitz, J. Kavalakkatt, D. Abou-Ras, T. Unold, H.-W. Schock, R. Scheer
Are grain boundaries in chalcopyrite thin film solar cells electronically active? - An EBIC study
- P20** W. Rzodkiewicz , M. Kulik
Studies of stresses in the implanted and the oxidized silicon substrates by spectroscopic ellipsometry with numerical fractional differentiation of the optical spectra
- P21** V. V. Saraykin; V.V. Privezentsev
SIMS investigation of precipitation in Zn doped Si
- P22** A. A. Shakhmin, I. V. Sedova, S. V. Sorokin, M. V. Zamoryanskaya
Cathodoluminescence of ZnCdSe/ZnSe green laser heterostructures
- P23** D. Shustov, M. Zamoryanskaya
Cathodoluminescence characterization of defects in 6H-SiC
- P24** B. Sieber, H. Liu, G. Piret, F. Demangeot, A. Addad, B. Gelloz, P. Roussel, S. Szunerits, R. Boukherroub
Optical, electronic and structural properties of ZnO nanostructures grown at Low Temperature

- P25** K. Smaali, A. El Hdiy, M. Molinari, M. Troyon
Band gap determination of the native oxide InAs /GaAs capping quantum dots by use of different kinds of conductive AFM probes
- P26** D. Stowe
Assessing the capabilities and limitations of the cathodoluminescence technique to investigate the optical properties of individual nanostructures
- P27** T. V. Torchynska, J. Palacios Gomez, G. Gómez Gasga, A. Vivas Hernandez, E. Velazquez Lozada, R. L. Mascorro Alquigira
Some reason of emission nonhomogeneity in InAs quantum dot DWELL structures
- P28** A. Urbieto, P. Fernández, J. Piqueras
Growth and cathodoluminescence of Mn doped ZnO nanowires
- P29** V. I. Vdovin, A. S. Bondarenko, Y. V. Petrov, L. K. Orlov, Y. N. Drozdov, O. F. Vyvenko
Structural and optical properties of nanocrystalline 3C-SiC layers
- P30** M. Werner, V. Naumann, D. Lausch, J. Schneider, C. Hagendorf
SEM/EBIC as a tool for thin film solar cell diagnostics
- P31** L.F. Zagonel, M. Tchernycheva, L. Rigutti, F.H. Julien, R. Songmuang, O. Stephan, M. Kociak
A cathodoluminescence study of a UV photodetector based on GaN/AlN quantum discs in a single nanowire