

Publications

1. S.Doka, M.Rusu, A.Meeder, E.Arushanov, N.Fabre, A.Fiechter, Th. Schedel-Niedrig, M.Ch. Lux-Steiner, *Effects of Ge- implantation on the photoluminescence of CuGaSe₂ thin films*, FMater. Res. Soc. Symp. Proc. Vol. 865, 2005 MRS.
2. M. Rusu, S. Doka, A. Meeder, R. Würz, E. Strub, J. Röhrich, U. Blöck, P. Schubert-Bischoff, W. Bohne, Th. Schedel-Niedrig and M.Ch. Lux-Steiner, *Structural peculiarities of CCSVT-grown CuGaSe₂ thin films*, Thin Solid Films 480-481, (2005) pp. 352-357.
3. M. Rusu, S. Doka, C.A. Kaufmann, N. Grigorieva, Th. Schedel-Niedrig and M.Ch. Lux-Steiner, *Solar cells based on CCSVT-grown CuGaSe₂ absorber and device properties*, Thin Solid Films 480-481, (2005) pp. 341-346.
4. M. Rusu, S. Wiesner, D. Fuertes Marrón, A. Meeder, S. Doka, W. Bohne, S. Lindner, Th. Schedel-Niedrig, Ch. Giesen, M. Heuken, M. Ch. Lux-Steiner, *CuGaSe₂ thin films prepared by a novel CCSVT technique for photovoltaic application*, Thin Solid Films 451-452 (2004) pp. 556-561.
5. S. Theodoropoulou, D. Papadimitriou, S. Doka, Th. Schedel-Niedrig and M. Ch. Lux-Steiner, *Structural properties of Ge doped CuGaSe₂ Films Studied by Raman and Photoluminescence Spectroscopy*, Thin Solid Films submitted
6. S Doka, J. Hofstetter, D. Fuertes Marrón, S. Lehmann, M. Rusu, E. Arushanov, N. Fabre, K. Lips, Th. Schedel-Niedrig and M.Ch. Lux-Steiner, *Ge implantation in CuGaSe₂ studied by Electron Spin Resonance*, in preparation (2006)
7. D. Fuertes Marrón, S. Lehmann, S. Doka, Th. Schedel-Niedrig and M. Ch. Lux-Steiner, *Surface treatments of CuGaSe₂ by means of (In, Ga) - S*, Barcelona 20 th EPVSEC 4CV 1.12.
8. M. Vogel, S. Doka, Ch. Breyer, M. Ch. Lux-Steiner, K. Fostiropoulos, *On the function of a bathcuproine buffer layer in organic photovoltaic cells*, Appl. Phys. Lett. submitted
9. M. Vogel, S. Doka, M. Ch. Lux-Steiner, K. Fostiropoulos, *About the function of buffers layers in phthalocyanine/C₆₀ solar cells*, MMater. Res. Soc. Symp. Proc. submitted.