List of Publications

Papers in International Journals
(Published and Accepted)


2. “Setup for in situ deep level transient spectroscopy of semiconductors during swift heavy ion irradiation” Sandeep Kumar, Sugam Kumar, Y. S. Katharria, C. P. Safvan, D. Kanjilal Rev. of Sci. Instrum. (Accepted).


5. “Effect of swift heavy ion irradiation on deep levels in Au/n-Si (100) Schottky diodes studied by deep level transient spectroscopy” Sandeep Kumar, Y.S. Katharria, Sugam Kumar, D. Kanjilal, J. Appl. Phys. 102 (2007) 113709.


**Papers presented in Conferences**

1. "Barrier height modification of Au/n-Si structures by energetic argon ion bombardment" Sandeep Kumar, Sugam Kumar, V. Baranwal, D. Kanjilal, *Indo German workshop on Synthesis and Modification of Nano-Structured Materials by Energetic ion beams, New Delhi*, presented (Feb-2005).


14. “In-situ current voltage characteristics of Swift Heavy Ion irradiated Au/n-GaN Schottky diodes” V. Baranwal, Sandeep Kumar, A.C. Pandey, and D. Kanjilal, 7th International conference on nitride semiconductors (ICNS-7) Presented.