**2013 International Publication Awards**

1. F.C.J. Catalan and P.F. Almoro, “Deterministic Phase Retrieval Interferometry”, Optics Communications 294 (2013) 73-77.

2. T.J.T. Abregana and P.F. Almoro, “Phase Object Localization Using the Statistical Behavior of Reconstructed Wavefronts”, Proceedings of SPIE, The International Society for Optical Engineering, 8883, 88830D.

3. P. Almoro, G. Pedrini, W. Osten, and C.S. Narayanamurthy, “Analysis of Bessel Beam Propagation in Free Space Using Digital Holographic Microscopy”, Optik, 124 (14), pp. 1882-1885.

4. Omambac, K.M., Porquez, J.G., J.P. Afalla, A.S. Somintac and A.A. Salvador, “Application of External Tensile and Compressive Strain on a Single Layer lnAs/GaAs Quantum Dot Via Epitaxial Lift-Off”, Physica Status Solidi (B) Basic Research, 250 (8), pp. 1632-1635.

5. J.P. Afalla, K.A. De Las Alas, M.H. Balgos, A. Somintac, and A. Salvador, “Deep Level Traps and the temperature Behavior of the Phtoluminescence in GaAs/AlGaAs Multiple Quantum Wells Grown on Off-Axis and On-Axis Substrates”, Journal of Luminescence, 143, pp. 517-520.

6. J.P. Afalla, M.H. Balgos, A. Garcia, A. Salvador, and A. Somintac, “Observation of Picosecond Carrier Lifetimes in GaAs/AlGaAs Single Quantum Wells Grown at $630^{o}$c”, Journal of Luminescence, 143, pp. 538-541.

7. D.L. Dy and J.P. Esguerra, “First-Passage Characteristics of Biased Diffusion in a Planar Wedge”, Physical Review E Statistical, Nonlinear, and Soft Matter Physics, 88 (1), 012121.

8. M. Tani, T. Kinoshita, T. Nagase, S. Ozawa, S. Tsuzuki, D. Takeshima, E. Estacio, K. Kurihara, K. Yamamoto, and M. Bakunov, “Techniques of Non-Collinear Electro-Optic Sampling for Efficient Detection of Pulsed Terahertz Radiation, Proceedings (2013) International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013 6622077, pp. 356-358.

9. S. Funkner, E.S. Estacio, Y. Li, Z. Zhao and M. Tani, “Solar Cell Materials as THz Emitters: The THz Emission of CZTS”, Optics InfoBase Conference Papers.

10. G. Niehues, T. Furuya, E.S. Estacio, S. Nishizawa and M. Tani, “Measurement Using n OSREFM Fast-Scan Terahertz Time Domain Spectrometer”, Optics InfoBase Conference Papers

11. S. Ozawa, T. Nagase, S. Tsuzuki, D. Takeshima, T. Furuya, S. Nishizawa, K. Kurihara, F. Kuwashima, R. Delos Santos, A. Somintac, E. Estacio, K. Yamamoto, M. Bakunov, and M. Tani, “Detection of THz Radiation by Using GaAs in Cherenkov-Phase-Matched Electro-Optic Sampling”, International Conference on Infrared, Millimeter, and Terahertz Waves, IRMMW-THz 6665674.

12. D. Takeshima, T. Sakon, S. Tsuzuki, F. Matsui, Y. Kusuda, T. Furuya, S. Nishizawa, K. Kurihara, F. Kuwashima, E. Estacio, K. Yamamoto and M. Tani, “Influence of Metal Surface Roughness on the Phase Velocity of Terahertz Waves Propagating in parallel plate Waveguides”, International Conference on Infrared, Millimeter, and terahertz Waves, IRMMW-THz 6665758.

13. J. Muldera, N.I. Cabello, J.C. Ragasa, A. Mabilangan, M.H. Balgos, R. Jaculbia, A. Somintac, E. Estacio and A. Salvador, “Photocarrier Transport and Carrier Recombination Efficiency in Vertically Aligned Si Nanowire Arrays Synthesized Via Metal-assisted Chemical Etching”, Applied Physics Express, 6(8), 082101.

14. E.S. Estacio, M. Hibi, K. Saito, C.T. Que, T. Furuya, F. Miyamaru, S. Nishzawa, K. Yamamoto, and M. Tani, “Saturation and Polarization Characteristics of 1.56 um Optical Probe Pulses in a LTG-GaAs Photoconductive Antenna Terahertz Detector, Jour. of Infrared, Milimeter, and Terahertz Waves, 34 (7-8), pp. 423-430.

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19. L.L. Dasallas, A.P. Lacaba, J.C. De Vero, and W.O. Garcia, “Pulsed Laser Deposition of Nd:YAG Using Femtosecond Laser”, Optics InfoBase Conference Papers

20. A.P. Lacaba, L.L. Dasallas, F.W.I. Patricio, and W.O. Garcia, “Growth of Nd: YAG Thin Films on Silicon (111) Substrate Using Femtosecond Pulsed Laser Deposition”, Proceedings of SPIE, The International Society for Optical Engineering, 8883, 888309.

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24. G. Puentes, N. Hermosa and J.P. Torres, “Puentes, Hermosa, and Torres Reply”, Physical Review Letters 111 (2), 028902.

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26. N. Hermosa, C. Rosales-Guzman, J.P. Torres, “Helico-Conical Optical Beams Self-Heal”, Optics Letters 38 (3), pp. 383-385.

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34. C.E.O. Litimco, M.G.A. Villanueva, N.G. Yecla, M.N. Soriano, and P.C. Naval, “Coral Identification Information System”, 2013 IEEE International Underwater Technology Symposium UT 2013 6519835.

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36 R. Gammag and C. Villagonzalo, “Two-Dimensional Electron Gas tilt-Induced Landau Level Crossings”, Solid State Communications, 156, pp. 16-20.