OptiBPM Publication References – 2014

Below is a listing of scientific papers, technical journals, periodicals, and conference publications which reference the use of OptiBPM.

[1] M. Ramakrishnan, G. Rajan, Y. Semenova, T. Wolinski, A. Domański, and G. Farrell, "A miniaturized flexible surface attachable interrogator for hybrid optical fiber sensing,"Microwave and Optical Technology Letters, vol. 56, no. 5, pp. 1167–1174, 2014.

[2] N. A. Mohammed, H. S. A. Elnasr, and M. H. Aly, "Analysis and design of an electro-optic 2×2 switch using Ti: KNbO3 as a waveguide based on MZI at 1.3μm," Optical and Quantum Electronics, vol. 46, no. 2, pp. 295–304, 2014.

[3] C. B. Bambhroliya, R. J. Thumar, and S. K. Hadia, "Design of 1×3 Optoelectronic Switch Based on MZI Structure."

[4] R. PURNAMANINGSIH, N. POESPAWATI, I. SARASWATI, and E. DOGHECHE, "Design of GaN based optical modulator with Mach-Zehnder interferometer structure."

[5] M. S. Ab-Rahman, L. S. Supian, and N. Arsad, "Etching technique study for POF coupler fabrication using circular blocks," Optik-International Journal for Light and Electron Optics, vol. 125, no. 2, pp. 893–896, 2014.

[6] H. Amata, "Faisabilité d'un isolateur optique intégré sur verre," Jean Monnet University, 2014.

[7] K. Sint-Lieven, "Implementation of an optical AND gate using Mach-Zehnder interferometers," in Optical Modelling and Design III, 2014, vol. 9131, p. 164.

[8] A. Kumar, S. Kumar, and S. K. Raghuwanshi, "Implementation of full-adder and full-subtractor based on electro-optic effect in Mach–Zehnder interferometers," Optics Communications, vol. 324, pp. 93–107, 2014.

[9] C. Burtscher and D. Seyringer, "Influence of waveguide structure on Y-branch splitting ratio," in SPIE Photonics Europe, 2014, p. 91331I–91331I.

[10] B. Troia and V. M. N. Passaro, "Investigation of a novel silicon-on-insulator Rib-Slot photonic sensor based on the vernier effect and operating at 3.8 μm," Journal of the European Optical Society-Rapid publications, vol. 9, 2014.