

**PUBLICACIONES DERIVADAS DE LAS TESIS DEFENDIDAS EN EL PROGRAMA DE
DOCTORADO EN “SISTEMAS ELECTRÓNICOS AVANZADOS. SISTEMAS
INTELIGENTES” EN EL AÑO 2018**

Doctorando	Clemente Alexia Inés López Gil
Fecha lectura	30/01/2018
<ul style="list-style-type: none"> - A. López-Gil, S. Martin-Lopez, M. Gonzalez-Herraez, <i>“Phase-measuring time-gated BOFDA”</i>. Optics Letters, 42 (19), pp. 3924-3927 (2017) - J. Ribeiro, Viveiros, D., Ferreira, J., Lopez-Gil, A., Dominguez-Lopez, A., Martins, H.F., Perez-Herrera, R., Lopez-Aldaba, A., Duarte, L., Pinto, A., Martin-Lopez, S., Baierl, H., Jamier, R., Rougier, S., Auguste, J.-L., Teodoro, A.C., Gonçalves, J.A., Esteban, O., Santos, J.L., Roy, P., Lopez-Amo, M., Gonzalez-Herraez, M., Baptista, J.M., Flores, D., <i>“ECOAL project-Delivering Solutions for Integrated monitoring of coal-related fires supported on optical fiber sensing technology”</i>. Applied Sciences (Switzerland), 7 (9), art. no. 956 (2017) - L. Duarte, A.C. Teodoro, J.A Gon alves, J. Ribeiro, D. Flores, A. Lopez-Gil, A. Dominguez-Lopez, X. Angulo-Vinuesa, S. Martin-Lopez, M. Gonzalez-Herraez, <i>“Distributed temperature measurement in a self-burning coal waste pile through a GIS open source desktop application”</i>. ISPRS International Journal of Geo-Information, 6 (3), art. no. 87 (2017) - A. Lopez-Gil, M.A. Soto, X. Angulo-Vinuesa, A. Dominguez-Lopez, S. Martin-Lopez, L. Thévenaz, M. Gonzalez-Herraez, <i>“Evaluation of the accuracy of BOTDA systems based on the phase spectral response”</i>. Optics Express, 24 (15), pp. 17200-17214. (2016) - A. Lopez-Gil, M.A. Soto, X. Angulo-Vinuesa, A. Dominguez-Lopez, S. Martin-Lopez, M. Gonzalez-Herraez, <i>“Simple Baseband Method for the Distributed Analysis of Brillouin Phase-Shift Spectra”</i>. IEEE Photonics Technology Letters, 28 (13), art. no. 7433390, pp. 1379-1382 (2016) - X. Angulo-Vinuesa, A. Dominguez-Lopez, A. Lopez-Gil, J.D. Ania-Castañón, S. Martin-Lopez, M. Gonzalez-Herraez, <i>“Limits of BOTDA Range Extension Techniques”</i>. IEEE Sensors Journal, 16 (10), art. no. 7088555, pp. 3387-3395. (2016) - A. López-Gil, A. Dominguez-Lopez, S. Martin-Lopez, M. Gonzalez-Herraez, <i>“Simple method for the elimination of polarization noise in BOTDA using balanced detection and orthogonal probe sidebands”</i>. Journal of Lightwave Technology, 33 (12), art. no. 6990495, pp. 2605-2610 (2015) - A. Dominguez-Lopez, X. Angulo-Vinuesa, A. López-Gil, S. Martin-Lopez, M. Gonzalez-Herraez, <i>“Non-local effects in dual-probe-sideband Brillouin optical time domain analysis”</i>. Optics Express, 23 (8), pp. 10341-10352 (2015) 	

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