

Presentaciones en congresos

- [1] A. J. M. Lenz, P. Clemente, J. Lancis, and E. Tajahuerce, Imaging the optical properties of turbid media with single-pixel detection, Conferencia oral en **Unconventional Optical Imaging 2020, part of SPIE Photonics Europe 2020**. Publicado en *Proc. SPIE* 11351, 1135109 (2020).
- [2] Osamu Matoba, Sudheesh K. Rajput, Manoj Kumar, Xiangyu Quan, Yosuke Tamada, Yasuhiro Awatsuji, Enrique Tajahuerce, "Non-interferometric 3D fluorescence imaging for bio-applications", conferencia invitada en **Three-Dimensional Imaging, Visualization, and Display 2020, part of SPIE Defense + Commercial Sensing 2020**. Publicado en *Proc. of SPIE* Vol. 11402, 114020C (2020)
- [3] Fernando Soldevila, Armin J. M. Lenz, Alberto Ghezzi, Andrea Farina, Cosimo D'Andrea, and Enrique Tajahuerce, "Multispectral fluorescence lifetime imaging with single-pixel cameras and data fusion", en **Computational Optical Sensing and Imaging (COSI 2021), part of Imaging and Applied Optics Congress**, The Optical Society (OSA) Vancouver, Canadá (2021).
- [4] Armin J. M. Lenz, Pere Clemente, Vicent Climent, Jesús Lancis, and Enrique Tajahuerce, "Spatial frequency domain imaging with a bucket detector", en **Imaging Systems and Applications (COSI 2021), part of Imaging and Applied Optics Congress**, The Optical Society (OSA) Vancouver, Canadá (2021).
- [4] Fernando Soldevila, Armin J. M. Lenz, Alberto Ghezzi, Andrea Farina, Cosimo D'Andrea, and Enrique Tajahuerce, "Multispectral time-resolved fluorescence imaging by single-pixel detection and data fusion", en **European Conferences on Biomedical Optics 2021**, The Optical Society (OSA) and Society of Photo-Optical Instrumentation Engineers (SPIE), Munich, Alemania (2021).
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- [9] Doñate-Buendía, C., Fernández-Alonso, M., Lancis, J., & Mínguez-Vega, G. "Pulsed laser ablation in liquids for the production of gold nanoparticles and carbon quantum dots: from plasmonic to fluorescence and cell labelling". In **Journal of Physics: Conference Series** Vol. 1537, No. 1, p. 012013. May 2020. IOP Publishing.
- [10] Armin J. M. Lenz, Erick Ipus, Lluís Martínez-León, Pere Clemente, Vicent Climent, Jesús Lancis, and Enrique Tajahuerce, "Spatial frequency domain imaging with a bucket detector". En **XIII Reunión Nacional de Óptica (RNO)**, 22-24 noviembre 2021.
- [11] Luis Ordoñez, Erick Ipus, Armin J. M. Lenz, Marc Martí-Sabaté, Jesús Lancis y Enrique Tajahuerce, "Microscopia con luz estructurada y un solo pixel con seccionado óptico". En **XIII Reunión Nacional de Óptica (RNO)**, 22-24 noviembre 2021.
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- [13] Fernando Soldevila, Armin J. M. Lenz, Alberto Ghezzi, Andrea Farina, Cosimo D'Andrea, and Enrique Tajahuerce, "Giga-voxel multispectral time-resolved imaging with single-pixel detection and data fusion" **Unconventional Optical Imaging III**, en SPIE Photonics Europe, 3 - 7 April 2022, Strasbourg, Francia.
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- [25] Luis Ordóñez, Erick Ipus, Armin J. M. Lenz, Jesús Lancis, Enrique Tajahuerce, "Single-pixel fluorescence microscopy with optical sectioning" *3D Image Acquisition and Display: Technology, Perception and Applications, in Imaging & Sensing Congresses 2022*, organized by OPTICA (OSA), Vancouver (Canadá) en julio de 2022.
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- [28] Luis Ordóñez*, Erick Ipus, Armin J. M. Lenz, Jesús Lancis, Enrique Tajahuerce, "Optical sectioning in microscopy with structured illumination and single pixel detection" *XXXVIII Reunión Bienal de la Real Sociedad Española de Física (RSEF)*, Murcia 2022.
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- [32] Armin J. M. Lenz, Pere Clemente, Lluís Martínez-León, Vicent Climent, Jesús Lancis, and Enrique Tajahuerce, "Computational imaging with single-pixel detection: application to mapping the optical properties of turbid media" 25th Congress of the International Commission for Optics (ICO), Dresden (Alemania) en septiembre 2022. Conferencia invitada.
- [33] Enrique Tajahuerce, "Computational imaging with single-pixel detection and data fusion techniques" *International Workshop on Adaptive, Compressive and Computational Imaging, WACCI 2022*, Bucaramanga, Colombia, noviembre 2022. Conferencia invitada.
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