

JOURNAL PUBLICATIONS

1. J Pereiro-García, M Caño-García, O Blanco-Fernández, R Ramos-Uña, X Quintana, MA Geday, "Chromatic aberration compensation using thin, transparent, large aperture, wide focal range, adaptive liquid crystal lens", *OPTICS & LASER TECHNOLOGY*, vol 180 pp. 111532, 2025, DOI: <https://doi.org/10.1016/j.optlastec.2024.111532>; IF: 4.6 (Q1 JRC)
2. E Martinez-de-Rioja, A. Arboleya, F. Rodríguez Varela, C. Fontá, "Dual-Band Electromagnetic Skin With Independent Reflection Performance at 28 GHz and 39 GHz for 5G Millimeter-Wave Communications" *IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS*, vol. 23, no.10, pp.3138-3142, 2024, DOI: 10.1109/LAWP.2024.3427772; IF: 3.7 (Q2 JCR)
3. Byron Ganazhapa, Javier Pereiro-García, Xabier Quintana Arregui, Morten Andreas Geday, Gonzalo Guadaño, Manuel Caño-García, "Generation of arbitrarily patterned polarizers using 2-photon polymerization" *SCIENTIFIC REPORTS*, vol 14, no 1, pp. 22550, 2024, DOI: 10.1038/s41598-024-73946-z; IF: 3.8 (Q1 JCR)
4. R. Guirado, G. Perez-Palomino, P. de la Rosa, E. Carrasco, X. Quintana "Electronically Reconfigurable Reflectarray Antenna Based on Single-Layer Liquid Crystal with Independent Dual-Polarization Control", *IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION*, Vol. 72, no 7, pp.5626-5636. 2024, DOI: 10.1109/TAP.2024.3406034, IF: 4.6 (Q1 JCR)
5. J.R. Montejo.Garai, JE. Page, G. Perez-Palomino, R. Guirado, "Band-Stop Frequency-Selective Surface (FSS) with Elliptic Response Designed by the Extracted Pole Technique" *SENSORS*, vol. 24, no 14, pp 4452, 2024, DOI: 10.3390/s24144452, IF: 3.4 (Q2 JCR)
6. Á.F. Vaquero, E. Martinez-de-Rioja, M. Arrebola; J.A Encinar, M. Achour "Smart Electromagnetic Skin to Enhance Near-Field Coverage in mm-Wave 5G Indoor Scenarios" *IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION*, Vol. 72, no 5, pp.4311-4326. 2024, DOI: 10.1109/TAP.2024.3383216, IF: 4.6 (Q1 JCR)
7. José M Otón, Javier Pereiro-García, Xabier Quintana, Manuel Caño-García, Eva Otón, Morten A Geday, "Optimizing Tunable LC Devices with Twisted Light" *CRYSTALS*, vol 14, no 1, pp. 16, 2024, DOI: 10.3390/cryst14010016, IF: 2.4 (Q2 JCR)
8. J Pereiro-García, Mario García-de-Blas, P De La Rosa, MA Geday, Xabier Quintana, Manuel Caño-García, "Reconfigurable perfect vortex beam generator based on a

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9. Javier Pereiro-García, Mario García-de-Blas, Morten Andreas Geday, Xabier Quintana Arregui, Manuel Caño-García, " Flat variable liquid crystal diffractive spiral axicon enabling perfect vortex beams generation" *SCIENTIFIC REPORTS*, vol 13, no 1, pp. 2385, 2023, DOI: 10.1038/s41598-023-29164-0; IF: 3.8 (Q1 JCR)
 10. P de la Rosa, J Pereiro-García, Manuel Caño-García, Jose Manuel Oton, Xabier Quintana, MA Geday, "Generation of integer and fractional vortex beams based on liquid crystal electronically reconfigurable spiral phase plates" *OPTICS EXPRESS*, Vol. 31, no 19, pp 31212-31220, 2023, DOI: 10.1364/OE.494676; IF: 3.2 (Q2 JCR)
 11. R. Guirado, P. de la Rosa, G. Perez-Palomino, M. Caño-García, E. Carrasco,, X. Quintana " Characterization and application of dual-frequency liquid-crystal mixtures in mm-wave reflectarray cells to improve their temporal response", *IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION*, Vol. 71, no 8, pp.6535-6545. 2023, DOI: 10.1109/TAP.2023.3281076; IF: 4.6 (Q1 JCR)
 12. D. Martinez-de-Rioja and J. A. Encinar, "Frequency Selective Beam Shaping Technique to Provide Equal Beam Coverage Using Reflectarray Antennas for Dual-Band Multi-Spot Satellites," in *IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION*. vol. 71, no 4, pp. 3677-3682, 2023 DOI: 10.1109/TAP.2023.3239181; IF: 4.6 (Q1 JCR)
 13. E. Martinez-de-Rioja, Á. F. Vaquero, M. Arrebola, E. Carrasco, J. A. Encinar, and M. Achour, "Passive intelligent reflecting surfaces based on reflectarray panels to enhance 5G millimeter-wave coverage," in *INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES*, Vol. 15, Special Issue 1: EuCAP 2021, pp. 3–14, Feb. 2023. DOI: 10.1017/S1759078722000721; IF: 1.4 (Q4 JCR)
 14. D. Martinez-de-Rioja, E. Martinez-de-Rioja, Y. Rodriguez-Vaqueiro, J. A. Encinar, A. Pino, M. Arias, M. Arrebola, and G. Toso, "Parabolic reflectarray antenna to generate multiple beams for geostationary high throughput satellites in Ka-band," in *INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES*, Vol. 15, Special Issue 1: EuCAP 2021, pp. 15–24, Feb. 2023. DOI: 10.1017/S1759078722000411; IF: 1.4 (Q4 JCR)
 15. R. Guirado, G. Perez-Palomino, M. Ferreras, E. Carrasco, M. Caño-García, "Dynamic Modeling of Liquid Crystal-Based Metasurfaces and Its Application to Reducing Reconfigurability Times", *IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION*, Vol. 70, no 12, pp.11847-11857. 2022, DOI: 10.1109/TAP.2022.3209734; IF: 5.7 (Q1 JCR)

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16. R. Guirado, G. Perez-Palomino, M. Caño-García, MA Geday, E. Carrasco, “mm-Wave Metasurface Unit Cells Achieving Millisecond Response Through Polymer Network Liquid Crystals”, *IEEE ACCESS* 10, 127928-127938,, DOI: 10.1109/ACCESS.2022.3226601; IF: 3.4 (Q2 JCR)
17. F. Conde-Pumpido, G. Perez-Palomino, JR. Montejó-Garai, JE. Page “Generalized bimode equivalent circuit of arbitrary planar periodic structures for oblique incidence” *IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION* Vol. 70 no.10, pp 9435-9448. 2022 DOI: 10.1109/TAP.2022.3184518; IF: 5.7 (Q1 JCR)
18. F. Conde-Pumpido, G. Perez-Palomino, JE. Page “Standardized Design Technique of PPS-Based 90° Linear Polarization Converters by Means of Coupler Theory”, *IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION* Vol. 70, no. 6, pp. 4902-4907. 2022 DOI: 10.1109/TAP.2021.3137495; IF: 5.7 (Q1 JCR)
19. F. J. Gordo; J. Tata; J. Borme; M. A. Geday; M. Caño Garcia; J. B. Nieder. “Design and manufacture of an all-polymeric integrated multimode interferometer for visible photonics”. *OPTICS EXPRESS*. 30 – 17, pp. 31147 – 31156. 15/08/2022. ISSN 1094-4087, DOI: <https://doi.org/10.1364/OE.469281>, IF: 3.8 (Q2 JCR)
20. L. F. Paz; M. Cano Garcia; M. A. Geday; J. M. Oton; X. Quintana. “Identification of dyes and matrices for dye doped polymer waveguide emitters covering the visible spectrum”. *SCIENTIFIC REPORTS*. 12 – 1, 12/04/2022. DOI: 10.1038/s41598-022-10145-8, IF: 4.6 (Q1 JCR)
21. M. Garcia de Blas; J. Pereiro-Garcia; S. Vera-Andreu; X. Quintana Arregui, M. Cano Garcia; M.A. Geday. “High resolution 2D beam steerer made from cascaded 1D liquid crystal phase gratings” in *SCIENTIFIC REPORTS*. 12 – 1, 24/03/2022. DOI: 10.1038/s41598-022-09201-0, IF: 4.6 (Q1 JCR)
22. E. Carrasco, J. Gomez-Cruz, M. Serrano-Berruoco, C. E. Saavedra and C. Escobedo, “Design of Microfluidic Reflectarray Elements for Multi-Reconfiguration Using Liquid Metal,” in *IEEE OPEN JOURNAL OF ANTENNAS AND PROPAGATION*, vol. 3, pp. 425-434, 2022, DOI: 10.1109/OJAP.2022.3166232; IF: 3.5 (Q2 JCR)
23. R. Guirado, R. Verdecia-Peña, G. Perez-Palomino, E. Carrasco, JA Montes, “Prototype and Performance Assessment of mmWave Active RIS-Enhanced 6G Wireless Communications” in *IEEE TRANSACTIONS ON GREEN COMMUNICATIONS AND NETWORKING*. DOI: 10.1109/TGCN.2025.3587012 IF: 5.3 (Q1 JCR) Early Access
24. D. Martinez-de-Rioja, B. Imaz-Lueje, E. Martinez-de-Rioja, M. R. Pino, Jose A. Encinar, and M. Arrebola “Broadband Polarizer Reflectarray Antenna in Dual-Circular Polarization for Satellite Applications in Ka-band ” in *IEEE*

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25. R. Verdecia-Peña, D. Martinez-de-Rioja, J. I. Alonso, E. Carrasco, "mmWave Dual-Coverage RIS-Aided 6G Wireless Communications: Experimental Demonstration," IEEE WIRELESS COMMUNICATIONS LETTERS, DOI: 10.1109/LWC.2025.3599727 IF: 4.6 (Q1 JCR) Early Access

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1. Polish Liquid Crystal Society, XXIII Conference on Liquid Crystals, C1-Presentación Oral, "Tunable axicons based on spiral LC Configurations", J. Pereiro, M.G. de Blas, M. Caño-García, M.A. Geday, X. Quintana, J.M. Otón, Karpacz (Polonia), 18-22 de octubre de 2021 *INTERNACIONAL*.
2. Polish Liquid Crystal Society, XXIII Conference on Liquid Crystals. C2-Presentación Oral, "New Lenses based on vortex structures " M.G. de Blas, S.V. Andreu, M.A. Geday, X. Quintana, M. Caño-García, J.M. Otón, Karpacz (Polonia), 18-22 de octubre de 2021 *INTERNACIONAL*
3. Polish Liquid Crystal Society, XXIII Conference on Liquid Crystals, C3-Presentación Oral, "Microprocessor-based electronic drivers for LC addressing" J. Pereiro, P. de la Rosa, M.G. de Blas, M. Caño-García, M.A. Geday, J.M. Otón, X. Quintana, Karpacz (Polonia), 18-22 de octubre de 2021 *INTERNACIONAL*
4. Polish Liquid Crystal Society, XXIII Conference on Liquid Crystals, C4-Presentación Oral, "Microfabrication of tunable LC photonic components " M. Caño-García, F.J. Gordo, M. García de Blas, L.F. Paz, J. Pereiro, J.M. Otón, M.A. Geday; X. Quintana Karpacz (Polonia), 18-22 de octubre de 2021 *INTERNACIONAL*
5. Polish Liquid Crystal Society, XXIII Conference on Liquid Crystals, C5-Presentación Oral, "Liquid crystal tunable reflectarrays for 5G and 6G " X. Quintana, M.A. Geday, J.M. Otón, M. Caño-García, M.G. de Blas, G. Pérez-Palomino, E. Carrasco, J.A. Encinar Karpacz (Polonia), 18-22 de octubre de 2021 *INTERNACIONAL*
6. Polish Liquid Crystal Society, XXIII Conference on Liquid Crystals, C6-Presentación Oral, "2D Beam Steering based on Liquid Crystals Phase Gratings" M.G. de Blas, S.V. Andreu, M.A. Geday, X. Quintana, M. Caño- García, J.M. Otón Karpacz (Polonia), 18-22 de octubre de 2021 *INTERNACIONAL*

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7. Nombre del congreso/conferencia/ workshop: IEEE MTT-S International Conference on Numerical Electromagnetic and Multiphysics Modeling and Optimization (NEMO), C7-Presentación Oral, "Near-Field Model for the Computation of Coverage Generated by an IRS: Formulation and Validation", DOI: 10.1109/NEMO51452.2022.10038955, Á. F. Vaquero, D. Martinez-de-Rioja, E. Martinez-de-Rioja, M. Arrebola, J. A. Encinar and M. R. Pino, Limoges (Francia), 6 a 8 de Julio de 2022 *INTERNACIONAL*
8. IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting (AP-S/URSI), C8-Presentación Oral, "Reflectarray-based Intelligent Reflecting Surface to Improve mm-Wave 5G coverage in outdoor scenarios," DOI: 10.1109/AP-S/USNC-URSI47032.2022.9886349, Á. F. Vaquero, E. Martinez-de-Rioja, M. Arrebola, E. Carrasco, J.A. Encinar, S. Salman, M. Achour. Denver, (Estados Unidos), 10 a 15 de Julio de 2022 *INTERNACIONAL*
9. International Workshop on Antenna Technology (iWAT), C9-Presentación Oral, "A Simple Beamforming Technique for Intelligent Reflecting Surfaces in 5G Scenarios," DOI: 10.1109/iWAT54881.2022.9811009, D Martinez-De-Rioja, J. A. Encinar, E. Martinez-De-Rioja, Á. F. Vaquero and M. Arrebola, Dublin (Irlanda), 16 a 18 de Mayo de 2022 *INTERNACIONAL*
10. IEEE 22nd Annual Wireless and Microwave Technology Conference (WAMICON), C10-Presentación Oral, "Advanced Manufacturing and Characterization of mm-Wave Two-Layer Reflectarray Cells," DOI: 10.1109/WAMICON53991.2022.9786075 S. LeBlanc, K. Church, E. A. Rojas-Nastrucci, E. Martinez-de-Rioja, E. Carrasco and J. A. Encina, Clearwater (Estados Unidos), 27 a 28 de Abril de 2022 *INTERNACIONAL*
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13. 16th European Conference on Antennas and Propagation (EuCAP), C13-Presentación Oral, "Reconfigurable FSS with a Switchable Passband for Space

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 17. 16th European Conference on Antennas and Propagation (EuCAP), C17- Presentación Oral " A Microfluidic Approach for Implementing Liquid Metal Based Reconfigurable Reflectarray Antennas" , Eduardo Carrasco, Juan Gómez-Cruz, Carlos E. Saavedra, Carlos Escobedo, Madrid (España), 27 de Marzo a 1 de Abril de 2022 *INTERNACIONAL*
 18. XXXVII Simposium Nacional de la URSI (URSI 2022), C18- Presentación Oral "Antena Reflectarray Multi-haz para Comunicaciones en Banda Ka desde Satélites LEO", Daniel Conde-Parraga, Daniel Martinez-de-Rioja, Jose A. Encinar, Málaga (España) 5 a 7 de Septiembre de 2022 *NACIONAL*
 19. XXXVII Simposium Nacional de la URSI (URSI 2022), C19- Presentación Oral "Antena reflectarray polarizadora de doble banda con operación en polarización dual circular para nanosatélites CubeSat" E. Martinez-de-Rioja, I. Linares, D. Martinez-de-Rioja, J. A. Encinar, Málaga (España) 5 a 7 de Septiembre de 2022 *NACIONAL*
 20. XXXVII Simposium Nacional de la URSI (URSI 2022), C20- Presentación Oral " Improvement of Liquid Crystal Transition Times in Thick mm-Wave Devices", R. Guirado, G. Perez-Palomino and E. Carrasco, Málaga (España) 5 a 7 de Septiembre de 2022 *NACIONAL*

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22. SINFOTON2-CM: Feria de Invierno 2022, C22-Poster, “Tunable Spiral Diffractive Axicon (SDA) based on Liquid Crystal Phase configurations”, J. Pereiro, M.G. de Blas, Luis F. Paz, P. de la Rosa, M.A. Geday, M. Caño-García, Madrid (España), 25 de Febrero de 2022 *NACIONAL*
23. International Liquid Crystal Society, ILCC22, C23- Póster, “Tunable liquid crystal phase-only devices for non-mechanical applications” M. García de Blas; J. Pereiro García; P. de la Rosa del Val; X. Quintana Arregui; M. Caño-García; M. A. Geday, Lisboa (Portugal), 24 a 29 de Julio de 2022 *INTERNACIONAL*
24. International Liquid Crystal Society, ILCC22, C24- Póster, “Perfect Vortex Beam generation based on liquid crystal Spiral Phase Plate”, J. Pereiro García; M. García de Blas; P. de la Rosa del Val; X. Quintana Arregui; M. Caño-García; M. A. Geday, Lisboa (Portugal), 24 a 29 de Julio de 2022 *INTERNACIONAL*
25. The 9th International Conference on Antennas and Electromagnetic Systems (AES 2023), C25- Presentación Oral Invitada “Applications of reflectarray antennas using frequency and polarization independent beamforming”, Daniel Martinez-de-Rioja, Jose A. Encinar, Torremolinos (España), 5 a 8 de Junio de 2023 *INTERNACIONAL*
26. The 9th International Conference on Antennas and Electromagnetic Systems (AES 2023), C26-Presentación Oral Invitada, “Characterization and Optimization of Intelligent Reflective Surfaces in mm-wave Band including the Reflection produced by the Building Structure”, Á. F. Vaquero, E. Martinez-de-Rioja, M. Arrebola, Jose A. Encinar, Torremolinos (España), 5 a 8 de Junio de 2023 *INTERNACIONAL*
27. The 9th International Conference on Antennas and Electromagnetic Systems (AES 2023), C27- Presentación Oral, “FSS-Backed Reflectarray for Millimeter-Wave 5G Applications at the 28 GHz band” *INTERNACIONAL*, R. Soroka, E. Martinez-de-Rioja, A. Arbolea, Jose A. Encinar, Torremolinos (España), 5 a 8 de Junio de 2023 *INTERNACIONAL*
28. The 9th International Conference on Antennas and Electromagnetic Systems (AES 2023), C28- Presentación Oral Invitada, “ Preliminary study of reconfigurable Orbital Angular Momentum beams with Liquid Crystal metasurface at mmWave”, P. de la Rosa, R. Guirado, G. Perez-Palomino, M. Caño-García and E. Carrasco, Torremolinos (España), 5 a 8 de Junio de 2023 *INTERNACIONAL*

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29. XV Iberian Meeting on Computational Electromagnetics EIEC 2023, C29-Presentación Oral “Advanced Applications using Dual-Frequency and Dual Polarization Reflectarrays”, J. A. Encinar, D. Martínez-de-Rioja, E. Martínez-de-Rioja, Y. Rodríguez-Vaqueiro, A. Pino, Álvaro F. Vaquero, M. Arrebola, R. Florencio and R. R. Boix, Cádiz (España) 14 a 17 de Noviembre de 2023 *INTERNACIONAL*
30. 17th European Conference on Antennas and Propagation (EuCAP), C30-Presentación Oral, “Dynamic Effects of Scaling and Biasing on Liquid Crystal-based Reflectarray Antennas” DOI: 10.23919/EuCAP57121.2023.10133180, R. Guirado, G. Perez-Palomino and E. Carrasco, Florencia (Italia); 26 a 31 de Marzo de 2023 *INTERNACIONAL*
31. 17th European Conference on Antennas and Propagation (EuCAP), C31-Presentación Oral, “Evaluation of a Dual-Circularly-Polarized Reflective Metasurface as a Plane Wave Generator in Ka-Band” DOI: 10.23919/EuCAP57121.2023.10133291, Álvaro F. Vaquero, Daniel Martínez-de-Rioja, Manuel Arrebola, Florencia (Italia); 26 a 31 de Marzo de 2023 *INTERNACIONAL*
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33. 17th European Conference on Antennas and Propagation (EuCAP), C33-Presentación Oral, “Dual Circularly Polarized Reflectarray Antenna for High Throughput Links from Small Satellites” DOI: 10.23919/EuCAP57121.2023.10133352, Daniel Martínez-de-Rioja, Borja Imaz-Lueje, Jose A. Encinar, Manuel Arrebola, Marcos R. Pino, Florencia (Italia); 26 a 31 de Marzo de 2023 *INTERNACIONAL*
34. 17th European Conference on Antennas and Propagation (EuCAP), C34-Póster, “Dual-Band Single-Layer Frequency Selective Surface for Millimeter-Wave 5G Applications” DOI: 10.23919/EuCAP57121.2023.10133146, Mousa Abdollahvand, Eduardo Martínez-de-Rioja, Jose A. Encinar, Kanishka Katoch, Florencia (Italia); 26 a 31 de Marzo de 2023 *INTERNACIONAL*
35. 17th European Conference on Antennas and Propagation (EuCAP), C35-Presentación Oral, “Dual-Band and Dual-Polarized Reflectarray for Intelligent Reflecting Surface Applications in Millimeter-Wave 5G” DOI: 10.23919/EuCAP57121.2023.10133351, Felipe Cordente, Eduardo Martínez-de-

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36. 8th IEEE RADIO International Conference, C36-Presentación Oral, “ Gain Equalized Reflectarray Antenna for High Throughput Satellites”, Daniel Martinez-de-Rioja, Jose A. Encinar, Balaclava (Mauritius), 1 al 4 de Mayo de 2023
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37. 8th IEEE RADIO International Conference, C37-Presentación Oral, “Preliminary Assesment of a Reflectarray Antenna for High-Resolution Radiometers onboard Satellites”, Daniel Martinez-de-Rioja, Manuel Arrebola, Balaclava (Mauritius), 1 al 4 de Mayo de 2023
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38. 2023 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting (USNC-URSI), C38-Presentación Oral, “Low-Cost Liquid-Crystal based Reflectarray Antenna for Indoor Wireless Localization Applications operating in the Ka-band” DOI: 10.1109/USNC-URSI52151.2023.10238161, Gerzon Gomez-Bravo, Robert Guirado, Reinhard Teschl, G. Perez-Palomino, Eduardo Carrasco, Wolfgang Bösch, Portland (Estados Unidos) 23 a 28 de Julio de 2023
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39. XXXVIII Simposium Nacional de la URSI (URSI 2023), C39- Presentación Oral “Antena Reflectarray con Conversión de Polarización en banda ultra ancha”, Blanca Valencia, Daniel Martinez-de-Rioja, Jose A. Encinar, Eduardo Martinez-de-Rioja, Cáceres (España), 13 al 15 de Septiembre de 2023 NACIONAL
40. XXXVIII Simposium Nacional de la URSI (URSI 2023), C40-Presentación Oral “ Reflective Surfaces Based on Semi-Passive Reconfigurable Polymer Network Liquid Crystal”, P. de la Rosa, R. Guirado, G. Perez-Palomino, E. Carrasco, M. Caño-García, Cáceres (España), 13 al 15 de Septiembre de 2023 NACIONAL
41. 16th European Conference on Liquid Crystals (ECLC), C41-Presentación oral, “Advancements on Liquid Crystal-based Reflectarray Antennas in mm-Wave”, P. de la Rosa, R. Guirado, G. Pérez-Palomino, E. Carrasco, M. Caño-García , X. Quintana, Calabria (Italia), 10 al 14 de Julio de 2023
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42. 16th European Conference on Liquid Crystals (ECLC), C42-Poster, “Electrical drivers design for liquid crystal phase devices”, X. Quintana; M. Geday, P. De La Rosa; J. Pereiro; J.M. Oton M. Caño-Garcia, Calabria (Italia), 10 al 14 de Julio de 2023
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43. 20th Optics of Liquid Crystals Conference (OLC2023), C43-Presentación Oral, “Manufacturing and Driving Liquid Crystal Phase Devices”, X. Quintana, M.A.

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52. 18th European Conference on Antennas and Propagation (EuCAP), C52- Presentación Oral, “Large and Deployable Multi-faceted Antennas based on Single-Layer Reflectarrays”, B. Imaz-Lueje, D. Martinez-de-Rioja, M.R. Pino and M. Arrebola, Glasgow (Escocia); 17 a 22 de Marzo de 2024 *INTERNACIONAL*
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