

Mateusz Szatkowski

Lista Publikacji

1. Mateusz Szatkowski, Agnieszka Popiołek-Masajada, Jan Masajada "Optical vortex trajectory as a merit function for spatial light modulator correction", *Optics and Lasers in Engineering* vol. 118, 1-6 (2019).
2. Job Mendoza-Hernández, Mateusz Szatkowski, Manuel F. Ferrer-Garcia, Julio C. Gutiérrez-Vega, and Dorilian Lopez-Mago "Generation of light beams with custom orbital angular momentum and tunable transverse intensity symmetries", *Opt. Express* 27, 26155-26162 (2019).
3. Mateusz Szatkowski, Julian Koechlin, and Dorilian Lopez-Mago, "Implementation of a simultaneous message-passing protocol using optical vortices", *Opt. Laser Technol.* 133, 106516 (2021).
4. Kinga Zolnacz, Mateusz Szatkowski, Jan Masajada, and Wacław Urbanczyk, "Broadband chromatic dispersion measurements in higher-order modes selectively excited in optical fibers using a spatial light modulator", *Opt. Express* 29, 13256-13268 (2021).
5. Mateusz Szatkowski, Brandon Norton, Jan Masajada, and Rosario Porrás-Aguilar, "Quantifying the quality of optical vortices by evaluating their intensity distributions", *Appl. Opt.* 61, 5011 (2022).