

## JUAN PEREZ ISLAS

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### PERFIL PROFESIONAL

**Nacionalidad:** Peru

**Fecha de Nacimiento:** 28 de November, 2025

### PUBLICACIONES CIENTÍFICAS (23)

**1. TRACING THE ASSEMBLY HISTORIES OF GALAXY CLUSTERS IN THE NEARBY UNIVERSE**

*Revista Mexicana De Astronomia Y Astrofisica* (2023)

**2. Characterizations and Use of Recycled Optical Components for Polarizing Phase-Shifting Interferometry Applications**

*Photonics* (2022)

**3. Measurement in-plane deformations in electronic speckle pattern interferometry using phase-shifting modulated by polarization**

*Optics Communications* (2021)

**4. Development of a dynamic interferometer using recycled components based on polarization phase shifting techniques**

*Optics and Laser Technology* (2020)

**5. Parallel phase shifting radial shear interferometry with complex fringes and unknown phase shift**

*Applied Optics* (2020)

**6. Development of a phase shifting interferometer using recycled components**

*Proceedings of SPIE the International Society for Optical Engineering* (2020)

**7. Correction to: Dynamic Mach–Zehnder interferometer based on a Michelson configuration and a cube beam splitter system (Optical Review, (2019), 26, 2, (231-240), 10.1007/s10043-019-00493-8)**

*Optical Review* (2019)

**8. Dynamic Mach–Zehnder interferometer based on a Michelson configuration and a cube beam splitter system**

*Optical Review* (2019)

**9. Analysis of mean thickness of a phase objects using one-shot phase shifting interferometry**

*Imaging and Applied Optics 2018 (3D, AO, AIO, COSI, DH, IS, LACSEA, LS&C, MATH, pcAOP)* (2018)

**10. Interferometric measurements of phase objects by using a simultaneous polarizing phase shifting Mach-Zehnder interferometer**

*Proceedings of SPIE - The International Society for Optical Engineering* (2018)