

VARIOUS PUBLICATIONS ABOUT OPTICS

IACOPO MOCHI

INVERSE CHRONOLOGICAL ORDER

- [1] Daniel J Merthe, Kenneth A Goldberg, Valeriy V Yashchuk, Wayne R McKinney, Richard Celestre, Iacopo Mochi, James MacDougall, Gregory Y Morrison, Senajith B Rekawa, Erik Anderson, et al. “In situ fine tuning of bendable soft x-ray mirrors using a lateral shearing interferometer”. In: *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment* 710 (2013), pp. 82–86.
- [2] Daniel J. Merthe, Kenneth A. Goldberg, Valeriy V. Yashchuk, Sheng Yuan, Wayne R. McKinney, Richard Celestre, Iacopo Mochi, James Macdougall, Gregory Y. Morrison, Senajith B. Rakawa, Erik Anderson, Brian V. Smith, Edward E. Domning, Tony Warwick, and Howard Padmore. *An experimental apparatus for diffraction-limited soft x-ray nano-focusing*. 2011. DOI: 10.1117/12.894116. URL: <http://dx.doi.org/10.1117/12.894116>.
- [3] Patrick P. Naulleau, Iacopo Mochi, and Kenneth A. Goldberg. “Optical modeling of Fresnel zoneplate microscopes”. In: *Appl. Opt.* 50.20 (July 2011), pp. 3678–3684. DOI: 10.1364/AO.50.003678. URL: <http://ao.osa.org/abstract.cfm?URI=ao-50-20-3678>.
- [4] Sheng Yuan, Kenneth A. Goldberg, Valeriy V. Yashchuk, Richard Celestre, Iacopo Mochi, James Macdougall, Gregory Y. Morrison, Brian V. Smith, Edward E. Domning, Wayne R. McKinney, and Tony Warwick. “At-wavelength optical metrology development at the ALS”. In: *Proc. SPIE 7801, Advances in Metrology for X-Ray and EUV Optics III*. 2010. DOI: 10.1117/12.859946. URL: <http://dx.doi.org/10.1117/12.859946>.
- [5] Sheng Yuan, Kenneth Goldberg, Valeriy V. Yashchuk, Richard Celestre, Tony Warwick, Wayne R. McKinney, Gregory Morrison, Senajith B. Rekawa, Iacopo Mochi, and Howard A. Padmore. “At-Wavelength and Optical Metrology of Bendable X-Ray Optics for Nanofocusing at the ALS”. In: *Frontiers in Optics 2009/Laser Science XXV/Fall 2009 OSA Optics & Photonics Technical Digest*. Optical Society of America, 2009. DOI: 10.1364/FIO.2009.FThT2. URL: <http://www.opticsinfobase.org/abstract.cfm?URI=Fi0-2009-FThT2>.
- [6] Maurizio Vannoni, Iacopo Mochi, Monica Olivieri, Giuseppe Mondello, and Giuseppe Molesini. “Measuring the refractive index of vitreous materials at cryogenic temperatures with a spectrometer”. In: *Measurement Science and Technology* 19.8 (2008), p. 085304. URL: <http://stacks.iop.org/0957-0233/19/i=8/a=085304>.

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- [7] Daniela Mugnai and Iacopo Mochi. “Bessel X-Wave Propagation”. In: *Localized Waves*. John Wiley & Sons, Inc., 2007, pp. 159–183. ISBN: 9780470168981. DOI: 10.1002/9780470168981.ch6. URL: <http://dx.doi.org/10.1002/9780470168981.ch6>.
- [8] D. Mugnai and I. Mochi. “Superluminal χ -wave propagation: Energy localization and velocity”. In: *Phys. Rev. E* 73 (1 Jan. 2006), p. 016606. DOI: 10.1103/PhysRevE.73.016606. URL: <http://link.aps.org/doi/10.1103/PhysRevE.73.016606>.
- [9] D Mugnai and I Mochi. “Bessel beam propagation: Energy localization and velocity”. In: *arXiv preprint physics/0506120* (2005).