

## PUBLICATION LIST

IACOPO MOCHI

### INVERSE CHRONOLOGICAL ORDER

- [1] Iacopo Mochi, Kenneth A. Goldberg, Markus P. Benk, and Patrick P. Naulleau. “Pupil shaping and coherence control in an EUV mask-imaging microscope”. In: *Proc. SPIE 8880, Photomask Technology 2013*. Vol. 8880. 2013. DOI: 10.1117/12.2026498. URL: <http://dx.doi.org/10.1117/12.2026498>.
- [2] Iacopo Mochi, Kenneth A. Goldberg, Ryan Xie, Pei-Yang Yan, and Kenji Yamazoe. “Quantitative evaluation of mask phase defects from through-focus EUV aerial images”. In: *Proc. SPIE 7969, Extreme Ultraviolet (EUV) Lithography II*. 2011. DOI: 10.1117/12.881652. URL: <http://dx.doi.org/10.1117/12.881652>.
- [3] I. Mochi, K. A. Goldberg, B. La Fontaine, A. Tchikoulaeva, and C. Holfeld. “Actinic imaging of native and programmed defects on a full-field mask”. In: *Proc. SPIE 7636, Extreme Ultraviolet (EUV) Lithography*. 2010. DOI: 10.1117/12.846670. URL: <http://dx.doi.org/10.1117/12.846670>.
- [4] Iacopo Mochi, Kenneth A Goldberg, and Sungmin Huh. “Actinic imaging and evaluation of phase structures on extreme ultraviolet lithography masks”. In: *Journal of Vacuum Science & Technology B* 28.6 (2010), C6E11–C6E16. DOI: <http://dx.doi.org/10.1116/1.3498756>. URL: <http://scitation.aip.org/content/avs/journal/jvstb/28/6/10.1116/1.3498756>.
- [5] I. Mochi, S. Gennari, E. Oliva, C. Baffa, V. Biliotti, G. Falcini, E. Giani, G. Marcucci, M. Sozzi, L. Origlia, E. Rossetti, and M. Gonzalez. “High-precision CTE measurement of aluminum-alloys for cryogenic astronomical instrumentation”. English. In: *Experimental Astronomy* 27.1-2 (2009), pp. 1–7. ISSN: 0922-6435. DOI: 10.1007/s10686-009-9172-7. URL: <http://dx.doi.org/10.1007/s10686-009-9172-7>.
- [6] Iacopo Mochi, Kenneth A. Goldberg, Patrick Naulleau, and Sungmin Huh. “Improving the performance of the actinic inspection tool with an optimized alignment procedure”. In: *Proc. SPIE 7271, Alternative Lithographic Technologies*. 2009, p. 727123. DOI: 10.1117/12.814261. URL: <http://dx.doi.org/10.1117/12.814261>.
- [7] I. Mochi, E. Oliva, L. Origlia, C. Baffa, V. Biliotti, G. Falcini, E. Giani, M. Gonzalez, E. Rossetti, M. Sozzi, M. Liffredo, G. Roveta, and L. Roccia. “Performances of the cryogenic system of GIANO-TNG”. In: *Proc. SPIE 7014, Ground-based and Airborne Instrumentation for Astronomy II*. 2008. DOI: 10.1117/12.788241. URL: <http://dx.doi.org/10.1117/12.788241>.

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- [8] I. Mochi, E. Oliva, and L. Vanzi. “Alignment of the three-mirror anastigmat of the GIANO-TNG high resolution infrared spectrometer”. In: *Proc. SPIE 7018, Advanced Optical and Mechanical Technologies in Telescopes and Instrumentation*. 2008. DOI: 10.1117/12.788236. URL: <http://dx.doi.org/10.1117/12.788236>.
- [9] Iacopo Mochi, Carlo Baffa, Simone L. Donati, Gilberto Falcini, Sandro Gennari, Ernesto Oliva, Livia Origlia, and Raffaele Tomelleri. “Alignment-invariant mirror holder for cryogenic environment and its application to GIANO-TNG”. In: *Proc. SPIE 6273, Optomechanical Technologies for Astronomy*. Vol. 6273. 2006. DOI: 10.1117/12.670467. URL: <http://dx.doi.org/10.1117/12.670467>.
- [10] Iacopo Mochi, Marco Bazzani, Giovanna Cecchi, Costanza Cucci, David Lognoli, Luca Pantani, Valentina Raimondi, Daniele Tirelli, Giancarlo Valmori, Marinella Abbate, and Sonia Fontani. “High-resolution lidar fluorescence spectra for the characterization of phytoplankton”. In: *Proc. SPIE 4880, Remote Sensing of the Ocean and Sea Ice 2002*. 2003, pp. 117–126. DOI: 10.1117/12.463111. URL: <http://dx.doi.org/10.1117/12.463111>.