

Publications about astronomical instrumentation

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References

- [1] E. Oliva et al. “A GIANO-TNG high-resolution infrared spectrum of the airglow emission”. In: *Astron. Astrophys.* 555 (2013), A78. ISSN: 0004-6361. DOI: [10.1051/0004-6361/201321366](https://doi.org/10.1051/0004-6361/201321366).
- [2] L. Origlia et al. “GIANO-TNG spectroscopy of red supergiants in the young star cluster RSGC2”. In: *Astron. Astrophys.* 560 (2013), A46. ISSN: 0004-6361. DOI: [10.1051/0004-6361/201322586](https://doi.org/10.1051/0004-6361/201322586). arXiv: [1510.06870](https://arxiv.org/abs/1510.06870).
- [3] E. Oliva et al. “The GIANO spectrometer: Towards its first light at the TNG”. In: *Proc. SPIE - Int. Soc. Opt. Eng.* 8446 (2012), pp. 1–9. ISSN: 0277786X. DOI: [10.1117/12.925274](https://doi.org/10.1117/12.925274).
- [4] I. Mochi et al. “High-precision CTE measurement of aluminum-alloys for cryogenic astronomical instrumentation”. In: *Exp. Astron.* 27.1-2 (2009), pp. 1–7. ISSN: 09226435. DOI: [10.1007/s10686-009-9172-7](https://doi.org/10.1007/s10686-009-9172-7).
- [5] Francesco D’Amato et al. “Characterization of the HCl-HBr-HI gas absorption cell for GIANO-TNG”. In: *Proc. SPIE* 7014 (2008), pp. 70143V–70143V–8. ISSN: 0277786X. DOI: [10.1117/12.788231](https://doi.org/10.1117/12.788231).
- [6] 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 (2008), 70184J. ISSN: 0277786X. DOI: [10.1117/12.788236](https://doi.org/10.1117/12.788236).
- [7] I. Mochi et al. “Performances of the cryogenic system of GIANO-TNG”. In: *Proc. SPIE - Int. Soc. Opt. Eng.* Vol. 7014. 2008. DOI: [10.1117/12.788241](https://doi.org/10.1117/12.788241).
- [8] C. Baffa et al. “The versatile acquisition system of Giano”. In: *Proc. SPIE - Int. Soc. Opt. Eng.* Vol. 6274. 2006. DOI: [10.1117/12.671114](https://doi.org/10.1117/12.671114).
- [9] P. Bruno et al. “The preslit system of GIANO-TNG”. In: *Proc. SPIE - Int. Soc. Opt. Eng.* Vol. 6269 II. 2006. DOI: [10.1117/12.670365](https://doi.org/10.1117/12.670365).
- [10] S. Gennari et al. “The mechanics and cryogenics of GIANO-TNG”. In: *Proc. SPIE - Int. Soc. Opt. Eng.* Vol. 6269 II. 2006. DOI: [10.1117/12.670338](https://doi.org/10.1117/12.670338).
- [11] S. Gennari et al. “The spectrometer optics of GIANO-TNG”. In: *Proc. SPIE - Int. Soc. Opt. Eng.* Vol. 6269 II. 2006. DOI: [10.1117/12.670261](https://doi.org/10.1117/12.670261).

- [12] I. Mochi et al. “Alignment-invariant mirror holder for cryogenic environment and its application to GIANO-TNG”. In: *Proc. SPIE - Int. Soc. Opt. Eng.* Vol. 6273 II. 2006. DOI: [10.1117/12.670467](https://doi.org/10.1117/12.670467).
- [13] E. Oliva et al. “The GIANO-TNG spectrometer”. In: *Proc. SPIE - Int. Soc. Opt. Eng.* Vol. 6269 I. 2006. DOI: [10.1117/12.670006](https://doi.org/10.1117/12.670006).