

Allegato 1 al Curriculum Vitae

Elenco completo delle Pubblicazioni (compresi i rapporti interni) al 6 marzo 2013

di Rodolfo Canestrari

(in ordine di pubblicazione)

- pubbl1.** Spiga, D., Burkert, W., Hartner, G., Budau, B., Vernani, D., **Canestrari, R.**, Pareschi, G., Citterio, O., Basso, S., Mazzoleni, F., et al. *X-ray and topographic characterization of a W/Si graded multilayer coated mirror shell (n.333) at PANTER facility (april 2005).*, INAF/OAB Internal Report 08/2005.
- pubbl2.** Spiga, D., **Canestrari, R.**, Vernani, D., Freyberg, M., Bukert, W., Hartner, G., Budau, B., Pareschi, G., Citterio, O., Basso, S., et al. *Mirror shell 338 (Jet-X mandrel n.1 sized shell): Achieved tests at Panter facility and INAF/OAB.*, INAF/OAB Internal Report 02/2006.
- pubbl3.** **Canestrari, R.** *Telescopi per astronomia in raggi X duri: sviluppi tecnologici di specchi multilayer.* Tesi di Laurea, Università di Bologna, 03/2006
- pubbl4.** **Canestrari, R.**, Valtolina, R., Spiga, D., Pareschi, G. *Characterization of a PECVD-SiC replicated mirror sample.*, INAF/OAB Internal report 04/2006.
- pubbl5.** **Canestrari, R.**, Pareschi, G. *Characterization of an antenna for RFID systems.* INAF-OAB Internal report 07/2006.
- pubbl6.** Muleri, F., Bellazzini, R., Costa, E., Soffitta, P., Lazzarotto, F., Feroci, M., Pacciani, L., Rubini, A., Morelli, E., Baldini, L., Bitti, F., Brez, A., Cavalca, F., Latronico, L., Massai, M. M., Omodei, N., Pinchera, M., Sgrò, C., Spandre, G., Matt, G., Perola, G. C., Citterio, O., Pareschi, G., Cotroneo, V., Spiga, D., **Canestrari, R.** *An x-ray polarimeter for hard x-ray optics.* Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 6266. (2006). <http://adsabs.harvard.edu/abs/2006SPIE.6266E..85M>
- pubbl7.** Spiga, D., Mirone, A., Pareschi, G., **Canestrari, R.**, Cotroneo, V., Ferrari, C., Ferrero, C., Lazzarini, L., Vernani, D. *Characterization of multilayer stack parameters from x-ray reflectivity data using the PPM program: measurements and comparison with TEM results.* Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 6266. (2006). <http://adsabs.harvard.edu/abs/2006SPIE.6266E..33S>
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- pubbl9.** Spiga, D., **Canestrari, R.**, Pareschi, G., Basso, S., Bruni, R., Burkert, W., Budau, B., Freyberg, M., Gorenstein, P., Hartner, G., et al. *X-ray optic 346 manufactured at MSFC and Harvard-CfA: results of tests at PANTER facility and surface characterization.*, INAF/OAB internal report 01/2007.
- pubbl10.** **Canestrari, R.**, Spiga, D., Pareschi, G., Ghigo, M., Arumainathan, S., Destefanis, G., Fabbri, P., Ferrari, C., Guaita, C., Nicolosi, P., et al. *Surface roughness and bulk characterization of SiC and Aluminium samples with PECVD-SiC cladding.*, Internal report INAF/OAB 03/2007.
- pubbl11.** Spiga, D., **Canestrari, R.**, Pareschi, G., Basso, S., Bruni, R., Budau, B., Burkert, W., Colombo, D., Destefanis, G., Freyberg, M., et al. *Results of tests performed at PANTER and INAF/OAB on the X-ray optic 349 manufactured at MSFC and Harvard-CfA.*, INAF-OAB technical report 02/2007.
- pubbl12.** Spiga, D., Pareschi, G., Cotroneo, V., **Canestrari, R.**, Vernani, D., Mirone, A., Ferrero, C., Ferrari, C., Lazzarini, L. *Multilayer coatings for x-ray mirrors: extraction of stack parameters from x-ray reflectivity scans and comparison with transmission electron microscopy results.* Optical Engineering 46, 086501. (2007).
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- pubbl13.** Ghigo, M., **Canestrari, R.**, Spiga, D., Novi, A. *Correction of high spatial frequency errors on optical surfaces by means of ion beam figuring.* Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 6671. (2007).
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- pubbl14.** Ghigo, M., **Canestrari, R.**, Basso, S., Spiga, D. *Development of lightweight optical segments for adaptive optics.* Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 6691. (2007). <http://adsabs.harvard.edu/abs/2007SPIE.6691E..14G>
- pubbl15.** Spiga, D., Sironi, G., Cotroneo, V., **Canestrari, R.**, Destefanis, G. *Silicon mirrors for the XEUS X-ray telescope pore optics: microroughness characterization.*, INAF/OAB Technical report 01/2008.
- pubbl16.** Spiga, D., Pareschi, G., **Canestrari, R.**, Cotroneo, V. *Estimation of the X-ray scattering impact in imaging degradation for the SIMBOL-X telescope.* Memorie della Societa Astronomica Italiana 79, 278. (2008).
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- pubbl17.** Novi, A., **Canestrari, R.**, Ghigo, M., Hayano, Y. *Wavefront corrective lens for the Subaru Laser Launching Telescope.* Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 7018. (2008).
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- pubbl19.** Ghigo, M., **Canestrari, R.**, Proserpio, L., Dell'Orto, E., Basso, S., Citterio, O., Pareschi, G., Parodi, G. *Slumped glass option for making the XEUS mirrors: preliminary design and ongoing developments.* Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 7011. (2008). <http://adsabs.harvard.edu/abs/2008SPIE.7011E..43G>
- pubbl20.** **Canestrari, R.**, Ghigo, M., Basso, S., Spiga, D., Proserpio, L. *Lightweight optical segment prototype for adaptive optics manufactured by hot slumping.* Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 7015. (2008). <http://adsabs.harvard.edu/abs/2008SPIE.7015E.104C>
- pubbl21.** **Canestrari, R.**, Ghigo, M., Pareschi, G., Basso, S., Proserpio, L. *Investigation of a novel slumping technique for the manufacturing of stiff and lightweight optical mirrors.* Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 7018. (2008). <http://adsabs.harvard.edu/abs/2008SPIE.7018E..10C>
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- pubbl24.** Pareschi, G., Ghigo, M., Basso, S., Citterio, O., **Canestrari, R.**, Dell'Orto, E., Conconi, P., Parodi, G., Proserpio, L. *Design And Development The IXO Mirrors By Innovative Slumping Glass Technologies.* Bulletin of the American Astronomical Society 41, 457.08. (2009). <http://adsabs.harvard.edu/abs/2009AAS...21345708P>
- pubbl25.** Pareschi, G., Ghigo, M., **Canestrari, R.**, Proserpio, L., Basso, S., Citterio, O. *Stiff and Lightweight Optical Mirrors Made by Glass Slumping with Foamed Core.* American Astronomical Society Meeting Abstracts 214, #600.03. (2009). <http://adsabs.harvard.edu/abs/2009AAS...21460003P>
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- pubbl28.** Ghigo, M., Cornelli, S., **Canestrari, R.**, Garegnani, D. *Development of a large ion beam figuring facility for correction of optics up to 1.7 m diameter.* Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 7426. (2009). <http://adsabs.harvard.edu/abs/2009SPIE.7426E..31G>

- pubbl29.** Ghigo, M., Basso, S., **Canestrari, R.**, Conconi, P., Citterio, O., Civitani, M., Dell'Orto, E., Gallieni, D., Pareschi, G., Parodi, G., Proserpio, L., Spiga, D. *Hot slumping glass technology and integration process to manufacture a grazing incidence scaled prototype for the IXO telescope modules*. Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 7437. (2009). <http://adsabs.harvard.edu/abs/2009SPIE.7437E..22G>
- pubbl30.** Foerster, A., Doro, M., Brun, P., **Canestrari, R.**, Chadwick, P., Font, L., Ghigo, M., Lorenz, E., Mariotti, M., Michalowski, J., Niemiec, J., Pareschi, G., Peyaud, B., Seweryn, K. *Mirror development for CTA*. Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 7437. (2009). <http://adsabs.harvard.edu/abs/2009SPIE.7437E..35F>
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- pubbl34.** **Canestrari, R.** *Thin glass sheets for innovative mirrors in astronomical applications*. Tesi di Dottorato di Ricerca, Università dell'Insubria, 07/2010
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Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".

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