

Joint publications up to 1 Jan 2009

1. Brown, A.; Lindegren, L.; Kontizas, M.; Turon, C.; Muinonen, K.; 2008: 'Report of the ELSA School on the Science of Gaia', ESO, The Messenger, 131, p.50
2. Casertano, S.; Lattanzi, M. G.; Sozzetti, A.; Spagna, A.; Jancart, S.; Morbidelli, R.; Pannunzio, R.; Pourbaix, D.; Queloz, D.: 2008, 'Double-blind test program for astrometric planet detection with Gaia', A&A 482, p.699
3. Crifo, F.; Jasniewicz, G.; Soubiran, C.; Hestroffer, D.; Siebert, A.; Guerrier, A.; Katz, D.; Thévenin, F.; Turon, C.: 2007, 'Towards a new set of radial velocity standards for Gaia', in SF2A-2007: Proceedings of the Annual meeting of the French Society of Astronomy and Astrophysics, p.459
4. Lindegren, L.; Babusiaux, C.; Bailer-Jones, C.; Bastian, U.; Brown, A. G. A.; Cropper, M.; Høg, E.; Jordi, C.; Katz, D.; van Leeuwen, F.; Luri, X.; Mignard, F.; de Bruijne, J. H. J.; Prusti, T.: 2008, 'The Gaia mission: science, organization and present status', in IAU Symp. No. 248, A Giant Step: from Milli- to Micro-arcsecond Astrometry, p.217
5. Lindegren, L.; Bijaoui, A.; Brown, A. G. A.; Drimmel, R.; Eyer, L.; Jordan, S.; Kontizas, M.; van Leeuwen, F.; Muinonen, K.; Pourbaix, D.; Torra, J.; Turon, C.; de Vries, J.; Zwitter, T.: 2008, 'ELSA - training the next generation of space astrometrists', in IAU Symp. No. 248, A Giant Step: from Milli- to Micro-arcsecond Astrometry, p.529
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7. O'Mullane, W.; Lammers, U.; Bailer-Jones, C.; Bastian, U.; Brown, A. G. A.; Drimmel, R.; Eyer, L.; Huc, C.; Katz, D.; Lindegren, L.; Pourbaix, D.; Luri, X.; Torra, J.; Mignard, F.; van Leeuwen, F.: 2007, 'Gaia Data Processing Architecture', in Astronomical Data Analysis Software and Systems XVI, ASP Conference Series, Vol. 376, p.99
8. Sordo, R.; Vallenari, A.; Bouret, J. C.; Brott, I.; Edvardsson, B.; Fremat, Y.; Heber, U.; Josselin, E.; Kochukhov, O.; Korn, A.; Lanzafame, A.; Martins, F.; Schweitzer, A.; Thevenin, F.; Zorec, J.: 2008, 'New high resolution synthetic stellar libraries for the Gaia Mission', eprint arXiv:0812.0297, to appear in Memorie della Società Astronomica Italiana Vol.10
9. Sozzetti, A.; Casertano, S.; Lattanzi, M. G.; Spagna, A.; Morbidelli, R.; Pannunzio, R.; Pourbaix, D.; Queloz, D.: 2008, 'Testing planet formation models with Gaia μ s astrometry', in IAU Symp. No. 248, A Giant Step: from Milli- to Micro-arcsecond Astrometry, p.256
10. Tsalmantza, P.; Kontizas, M.; Bailer-Jones, C. A. L.; Rocca-Volmerange, B.; Korakitis, R.; Kontizas, E.; Livanou, E.; Dapergolas, A.; Bellas-Velidis, I.; Vallenari, A.; Floc, M.: 2007, 'Towards a library of synthetic galaxy spectra and preliminary results of classification and parametrization of unresolved galaxies for Gaia', A&A 470, p.761
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2. Brown, A.: 2008, 'Learning about Galactic structure with Gaia astrometry', in Classification and Discovery in Large Astronomical Surveys, AIP Conference Proceedings, Vol.1082, p.209
3. Brown, A.G.A.: 2008, 'Getting ready for the micro-arcsecond era', in IAU Symp. No. 248, A Giant Step: from Milli- to Micro-arcsecond Astrometry, p.567
4. Crosta, M. T.; Bucciarelli, B.; de Felice, F.; Lattanzi, M. G.; Vecchiato, A.: 2008, 'The RAMOD astrometric observable and the relativistic astrometric catalogs', in IAU Symp. No. 248, A Giant Step: from Milli- to Micro-arcsecond Astrometry, p.397
5. Crosta, M. T.; Bucciarelli, B.; de Felice, F.; Lattanzi, M. G.; Vecchiato, A.: 2008, 'Astrometric observable and relativistic astrometric catalogues', EAS Publications Series Vol.30, p.345
6. Crosta, M. T.; Gardiol, D.; Lattanzi, M. G.; Morbidelli, R.: 2008, 'The restoration of the quadrupole light bending', in IAU Symp. No. 248, A Giant Step: from Milli- to Micro-arcsecond Astrometry, p.395
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8. Drolshagen, G.; Ernst, R.; van Leeuwen, F.: 'Momentum transfer to Hipparcos by micrometeoroid impacts', 37th COSPAR Scientific Assembly. Held 13-20 July 2008, in Montréal, Canada, p.750 (Paper number: PEDAS1-0024-08)
9. Eyer, L.; Mowlavi, N.: 'Variable stars across the observational HR diagram', Journal of Physics: Conference Series, 118, p.012010
10. Granvik, M.; Muinonen, K.: 2008, 'Asteroid identification over apparitions', Icarus 198, p.130
11. Granvik, M.; Muinonen, K.: 2008, 'New Method for Identifying Asteroids over Apparitions Among a Wealth of Scarce Astrometry', Asteroids, Comets, Meteors 2008 held July 14-18, 2008 in Baltimore, Maryland. LPI Contribution No. 1405, paper id. 8205
12. Granvik, M.; Virtanen, J.; Muinonen, K.: 2008, 'OpenOrb: Open-Source Asteroid-Orbit-Computation Software Including Statistical Orbital Ranging', Asteroids, Comets, Meteors 2008 held July 14-18, 2008 in Baltimore, Maryland. LPI Contribution No. 1405, paper id. 8206

13. Guerrier, A.; Katz, D.; Turon, C.; Crifo, F.: 2007, 'The Spectroscopic Global Iterative Solution - Wavelength calibration of the spectroscopic data of Gaia', in SF2A-2007: Proceedings of the Annual meeting of the French Society of Astronomy and Astrophysics, p.485
14. Jordan, S.: 2008, 'The Gaia project: Technique, performance and status', AN 329, p.875
15. Muinonen, K.: 2008, 'Lightcurve Inversion Using Markov-Chain Monte-Carlo Methods', Asteroids, Comets, Meteors 2008 held July 14-18, 2008 in Baltimore, Maryland. LPI Contribution No. 1405, paper id. 8315
16. Pourbaix, D.: 2008, 'Taming the binaries', in IAU Symp. No. 248, A Giant Step: from Milli- to Micro-arcsecond Astrometry, p.59
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18. Turon, C.: 2008, 'Gaia in the European context', in SF2A-2008: Proceedings of the Annual meeting of the French Society of Astronomy and Astrophysics. Available online at <http://proc.sf2a.asso.fr>, p.43
19. Vallenari, A.: 2008, 'Young stellar populations in the Magellanic Clouds', Memorie della Società Astronomica Italiana 79, p.448
20. Vallenari, A.; Sordo, R.: 2008, 'The Gaia Era: synergy between space missions and ground based surveys', eprint arXiv:0812.0293, to appear in Memorie della Società Astronomica Italiana
21. Van Leeuwen, F.: 2008, 'Towards a better understanding of Hipparcos', in IAU Symp. No. 248, A Giant Step: from Milli- to Micro-arcsecond Astrometry, p.82