

Refereed Articles: 84 / 2393 citations – h-factor=23 (source ADS, Jan 2018)

Invited Talks in International Conferences : 23

Refereed Proceedings : 17

Refereed Book Chapter : 2

Non-Refereed Proceedings and Talks: 144

Invited Seminars: 24

## Articles in peer reviewed journals

- [1] Avdellidou, C., **Delbo, M.**, Fienga, A., 2018. Exogenous origin of hydration on asteroid (16) Psyche: The role of hydrated asteroid families. *Monthly Notices of the Royal Astronomical Society*. Accepted for publication.
- [2] Tsirovoulis, G., Morbidelli, A., **Delbo, M.** & Tsiganis, K. 2018. Reconstructing the size distribution of the primordial Main Belt. *ICARUS* 1?32. In press. doi:10.1016/j.icarus.2017.05.026
- [3] Hazeli, K., El Mir, C., Papanikolaou, S., **Delbo, M.** & Ramesh, KT. 2018. The Origins of Asteroidal Rock Disaggregation: Interplay of Thermal Fatigue and Microstructure. *Icarus*. Accepted for publication.
- [4] Bolin, B. T., Walsh, K. J., Morbidelli, A., **Delbó, M.** 2018. Initial velocity V-shapes of young asteroid families. *Monthly Notices of the Royal Astronomical Society* 473, 3949-3968.
- [5] Hanuš, J., and 36 colleagues including **Delbo', M.** 2018. Spin states of asteroids in the Eos collisional family. *Icarus* 299, 84-96.
- [6] **Delbo', M.**, Walsh, K., Bolin, B., Avdellidou, C., Morbidelli, A. 2017. Identification of a primordial asteroid family constrains the original planetesimal population. *Science* 357, 1026-1029.
- [7] Marsset, M., and 17 colleagues including **Delbo', M.** 2017. 3D shape of asteroid (6) Hebe from VLT/SPHERE imaging: Implications for the origin of ordinary H chondrites. *Astronomy and Astrophysics* 604, A64.
- [8] Ďurech, J., **Delbo', M.**, Carry, B., Hanuš, J., Alí-Lagoa, V. 2017. Asteroid shapes and thermal properties from combined optical and mid-infrared photometry inversion. *Astronomy and Astrophysics* 604, A27.
- [9] Alí-Lagoa, V., **Delbo', M.** 2017. Sizes and albedos of Mars-crossing asteroids from WISE/NEOWISE data. *Astronomy and Astrophysics* 603, A55.
- [10] **Delbo, M.** 2017. Comets: Exposing the icy interior of 67P. *Nature Astronomy* 1, 0126.
- [11] Hanuš, J., and 13 colleagues including **Delbo', M.** 2017. Volumes and bulk densities of forty asteroids from ADAM shape modeling. *Astronomy and Astrophysics* 601, A114.
- [12] Gaia Collaboration, and 591 colleagues including **Delbo', M.** 2017. Gaia Data Release 1. Open cluster astrometry: performance, limitations, and future prospects. *Astronomy and Astrophysics* 601, A19.
- [13] Müller, T. G., and 29 colleagues including **Delbo', M.** 2017. Hayabusa-2 mission target asteroid 162173 Ryugu (1999 JU<sub>3</sub>): Searching for the object's spin-axis orientation. *Astronomy and Astrophysics* 599, A103.
- [14] Vernazza, P., and 17 colleagues **Delbo', M.** 2017. Different Origins or Different Evolutions? Decoding the Spectral Diversity Among C-type Asteroids. *The Astronomical Journal* 153, 72.
- [15] Avdellidou, C., Price, M. C., **Delbo, M.**, Cole, M. J. 2017 Survival of the impactor during hypervelocity collisions - II. An analogue for high-porosity targets. *Monthly Notices of the Royal Astronomical Society*, 464, 734-738
- [16] Libourel, G., Michel, P., **Delbo, M.**, Ganino, C., Recio-Blanco, A., de Laverny, P., Zolensky, M. E., Krot, A. N. 2017 Search for primitive matter in the Solar System. *Icarus*, 282, 375-379

- [17] Bolin, B. T., **Delbo, M.**, Morbidelli, A., Walsh, K. J. 2017 Yarkovsky V-shape identification of asteroid families. *Icarus*, 282, 290-312
- [18] Gaia Collaboration, Brown, A. G. et 590 coauthors including **Delbo, M.** 2016 Gaia Data Release 1. Summary of the astrometric, photometric, and survey properties. *Astronomy and Astrophysics*, 595, A2-
- [19] Gaia Collaboration, Prusti, T., et 624 coauthors including **Delbo, M.** 2016. The Gaia mission. *Astronomy and Astrophysics*, 595, A1-
- [20] Pinilla-Alonso, N., de León, J., Walsh, K. J., Campins, H., Lorenzi, V., **Delbo, M.**, DeMeo, F., Licandro, J., Landsman, Z., Lucas, M. P., Alí-Lagoa, V., Burt, B. 2016 Portrait of the Polana-Eulalia family complex: Surface homogeneity revealed from near-infrared spectroscopy *Icarus*, 274, 231-248
- [21] Hanuš, J., **Delbo, M.**, Vokrouhlický, D., Pravec, P., Emery, J. P., Alí-Lagoa, V., Bolin, B., Devogèle, M., Dyvig, R., Galád, A., Jedicke, R., Kornoš, L., Kušnirák, P., Licandro, J., Reddy, V., Rivet, J.-P., Világi, J., Warner, B. D. 2016 Near-Earth asteroid (3200) Phaethon: Characterization of its orbit, spin state, and thermophysical parameters *Astronomy and Astrophysics*, 592, A34-
- [22] Michel, P., Cheng, A., Küppers, M., Pravec, P., Blum, J., **Delbo, M.**, Green, S. F., Rosenblatt, P., Tsiganis, K., Vincent, J. B., Biele, J., Ciarletti, V., Hérique, A., Ulamec, S., Carnelli, I., Galvez, A., Benner, L., Naidu, S. P., Barnouin, O. S., Richardson, D. C., Rivkin, A., Scheirich, P., Moskovitz, N., Thirouin, A., Schwartz, S. R., Campo Bagatin, A., Yu, Y. 2016 Science case for the Asteroid Impact Mission (AIM): A component of the Asteroid Impact Deflection Assessment (AIDA) mission *Advances in Space Research*, 57, 2529-2547
- [23] Alí-Lagoa, V., Licandro, J., Gil-Hutton, R., Cañada-Assandri, M., **Delbo, M.**, de León, J., Campins, H., Pinilla-Alonso, N., Kelley, M. S. P., Hanuš, J. 2016 Differences between the Pallas collisional family and similarly sized B-type asteroids *Astronomy and Astrophysics*, 591, A14-
- [24] Tanga, P., Mignard, F., Dell'Oro, A., Muinonen, K., Pauwels, T., Thuillot, W., Berthier, J., Cellino, A., Hestroffer, D., Petit, J.-M., Carry, B., David, P., **Delbo, M.**, Fedorets, G., Galluccio, L., Granvik, M., Ordenovic, C., Pentikäinen, H. 2016 The daily processing of asteroid observations by Gaia Planetary and Space Science, 123, 87-94
- [25] Avdellidou, C., Price, M. C., **Delbo, M.**, Ioannidis, P., Cole, M. J. 2015. Survival of the impactor during hypervelocity collisions I: An analogue for low porosity targets. *Monthly Notices of the Royal Astronomical Society*, 456, 2957-2965. ArXiv e-prints arXiv:1512.03262.
- [26] de León J., Pinilla-Alonso N., **Delbo M.**, Campins H., Cabrera-Lavers A., Tanga P., Cellino A., Bendjoya P., Gayon-Markt J., Licandro J., Lorenzi V., Morate D., Walsh K. J., DeMeo F., Landsman Z., Alí-Lagoa V. 2016. Visible spectroscopy of the Polana-Eulalia family complex: Spectral homogeneity. *Icarus*, 266, 57-75.
- [27] Granvik, M., Morbidelli, A., Jedicke, R., Bolin, B., Bottke, W. F., Beshore, E., Vokrouhlicky, D., **Delbo, M.**, Michel, P. 2015 Super-catastrophic disruption of asteroids at small perihelion distances. 2016. *Nature*. 530, 303-306
- [28] Groussin O., Licandro J., Helbert J., Reynaud J. L., Levacher P., Reyes García-Talavera M., Alí-Lagoa V., Blanc P. E., Brageot E., Davidsson B., **Delbo M.**, Deleuze M., Delsanti A., Diaz Garcia J. J., Dohlen K., Ferrand D., Green S. F., Jorda L., Joven Álvarez E., Knollenberg J., Kührt E., Lamy P., Lellouch E., Le Merrer J., Marty B., Mas G., Rossin C., Rozitis B., Sunshine J., Vernazza P., Vives S. 2015. THERMAP: a mid-infrared spectro-imager for space missions to small bodies in the inner solar system. *Experimental Astronomy*, 41, 95-115
- [29] Hanuš, J., and 168 colleagues including **Delbo, M.**, 2016. New and updated convex shape models of asteroids based on optical data from a large collaboration network. *Astronomy and Astrophysics*, 586, A108- ArXiv e-prints arXiv:1510.07422.
- [30] Licandro J., Müller T., Alvarez C., Alí-Lagoa V., **Delbo M.** 2016. GTC/CanariCam observations of (99942) Apophis. *Astronomy and Astrophysics*, 585, A10.

- [31] Mommert M., Harris A. W., Mueller M., Hora J. L., Trilling D. E., Bottke W. F., Thomas C. A., **Delbo M.**, Emery J. P., Fazio G., Smith H. A. 2015. ExploreNEOs. VIII. Dormant Short-period Comets in the Near-Earth Asteroid Population. *The Astronomical Journal*, 150, 106.
- [32] Alí-Lagoa V., **Delbo M.**, Libourel G. 2015. Rapid Temperature Changes and the Early Activity on Comet 67P/Churyumov-Gerasimenko. *The Astrophysical Journal*, 810, L22.
- [33] Hanuš J., **Delbo M.**, Ďurech J., Alí-Lagoa V. 2015. Thermophysical modeling of asteroids from WISE thermal infrared data - Significance of the shape model and the pole orientation uncertainties. *Icarus*, 256, 101-116.
- [34] Tanga P., Carry B., Colas F., **Delbo M.**, Matter A., Hanuš J., Alí Lagoa V., Andrei A. H., Assafin M., Audejean M., Behrend R., Camargo J. I. B., Carbognani A., Cedrés Reyes M., Conjat M., Cornero N., Coward D., Crippa R., de Ferra Fantin E., Devogéle M., Dubos G., Frappa E., Gillon M., Hamanowa H., Jehin E., Klotz A., Kryszczyńska A., Lecacheux J., Leroy A., Manfroid J., Manzini F., Maquet L., Morelle E., Mottola S., Polińska M., Roy R., Todd M., Vachier F., Vera Hernández C., Wiggins P. 2015. The non-convex shape of (234) Barbara, the first Barbarian. *Monthly Notices of the Royal Astronomical Society*, 448, 3382-3390.
- [35] Lauretta D. S., Bartels A. E., Barucci M. A., Bierhaus E. B., Binzel R. P., Bottke W. F., Campins H., Chesley S. R., Clark B. C., Clark B. E., Cloutis E. A., Connolly H. C., Crombie M. K., **Delbo M.**, Dworkin J. P., Emery J. P., Glavin D. P., Hamilton V. E., Hergenrother C. W., Johnson C. L., Keller L. P., Michel P., Nolan M. C., Sandford S. A., Scheeres D. J., Simon A. A., Sutter B. M., Vokrouhlický D., Walsh K. J. 2015. The OSIRIS-REx target asteroid (101955) Bennu: Constraints on its physical, geological, and dynamical nature from astronomical observations. *Meteoritics and Planetary Science*, 50, 834-849.
- [36] Carry B., Matter A., Scheirich P., Pravec P., Molnar L., Mottola S., Carbognani A., Jehin E., Marciniak A., Binzel R. P., DeMeo F. E., Birlan M., **Delbo M.**, Barbotin E., Behrend R., Bonnardeau M., Colas F., Farissier P., Fauvaud M., Fauvaud S., Gillier C., Gillon M., Hellmich S., Hirsch R., Leroy A., Manfroid J., Montier J., Morelle E., Richard F., Sobkowiak K., Strajnic J., Vachier F. 2015. The small binary asteroid (939) Isberga. *Icarus*, 248, 516-525.
- [37] Bottke W. F., Vokrouhlický D., Walsh K. J., **Delbo M.**, Michel P., Lauretta D. S., Campins H., Connolly H. C., Scheeres D. J., Chelsey S. R. 2015. In search of the source of asteroid (101955) Bennu: Applications of the stochastic YORP model. *Icarus*, 247, 191-217.
- [38] **Delbo M.**, Libourel, G., Wilkerson, J., Murdoch, N., Michel, P., Ramesh, K. T., Ganino, C., Verati, C., Marchi, S. 2014 Thermal fatigue as the origin of regolith on small asteroids *Nature*, 508, 233-236.
- [39] Cellino, A., Bagnulo, S., Tanga, P., Novaković, B., **Delbo M.** 2014 A successful search for hidden Barbarians in the Watsonia asteroid family. *Monthly Notices of the Royal Astronomical Society*, 439, L75-L79.
- [40] Thomas, C. A., Emery, J. P., Trilling, D. E., **Delbo M.**, Hora, J. L., Mueller, M. 2014. Physical characterization of Warm Spitzer-observed near-Earth objects. *Icarus*, 228, 217-246.
- [41] Mommert, M., Hora, J. L., Harris, A. W., Reach, W. T., Emery, J. P., Thomas, C. A., Mueller, M., Cruikshank, D. P., Trilling, D. E., **Delbo M.**, Smith, H. A. 2014 The Discovery of Cometary Activity in Near-Earth Asteroid (3552) Don Quixote *The Astrophysical Journal*, 781, 25.
- [42] Alí-Lagoa V., Lionni, L., **Delbo M.**, Gundlach, B., Blum, J., Licandro, J. 2014 Thermophysical properties of near-Earth asteroid (341843) 2008 EV<sub>5</sub> from WISE data *Astronomy and Astrophysics*, 561, A45.
- [43] Matter, A., **Delbo M.**, Carry, B., Ligorì, S. 2013 Evidence of a metal-rich surface for the Asteroid (16) Psyche from interferometric observations in the thermal infrared *Icarus*, 226, 419-427.
- [44] Campins, H., de León, J., Morbidelli, A., Licandro, J., Gayon-Markt, J., **Delbo M.**, Michel, P. 2013 The Origin of Asteroid 162173 (1999 JU<sub>3</sub>) *The Astronomical Journal*, 146, 26.

- [45] Walsh, K. J., **Delbo, M.**, Bottke, W. F., Vokrouhlický, D., Lauretta, D. S. 2013 Introducing the Eulalia and new Polana asteroid families: Re-assessing primitive asteroid families in the inner Main Belt Icarus, 225, 283-297.
- [46] Selsis, F., Maurin, A.-S., Hersant, F., Leconte, J., Bolmont, E., Raymond, S. N., **Delbo, M.** 2013 The effect of rotation and tidal heating on the thermal lightcurves of super Mercuries Astronomy and Astrophysics, 555, A51.
- [47] Alí-Lagoa, V., de León, J., Licandro, J., **Delbo, M.**, Campins, H., Pinilla-Alonso, N., Kelley, M. S. 2013 Physical properties of B-type asteroids from WISE data Astronomy and Astrophysics, 554, A71.
- [48] Vernazza, P., **Delbo, M.**, King, P. L., Izawa, M. R. M., Olofsson, J., Lamy, P., Cipriani, F., Binzel, R. P., Marchis, F., Merín, B., Tamanai, A. 2012 High surface porosity as the origin of emissivity features in asteroid spectra Icarus, 221, 1162-1172.
- [49] Gayon-Markt, J., **Delbo, M.**, Morbidelli, A., Marchi, S. 2012 On the origin of the Almahata Sitta meteorite and 2008 TC<sub>3</sub> asteroid Monthly Notices of the Royal Astronomical Society, 424, 508-518.
- [50] Chaumard, N., Devouard, B., **Delbo, M.**, Provost, A., Zanda, B. 2012 Radiative heating of carbonaceous near-Earth objects as a cause of thermal metamorphism for CK chondrites Icarus, 220, 65-73.
- [51] Walsh, K. J., **Delbo, M.**, Mueller, M., Binzel, R. P., DeMeo, F. E. 2012 Physical Characterization and Origin of Binary Near-Earth Asteroid (175706) 1996 FG<sub>3</sub> The Astrophysical Journal, 748, 104.
- [52] Matter, A., **Delbo, M.**, Ligorì, S., Crouzet, N., Tanga, P. 2011 Determination of physical properties of the Asteroid (41) Daphne from interferometric observations in the thermal infrared Icarus, 215, 47-56.
- [53] Thomas, C. A., Trilling, D. E., Emery, J. P., Mueller, M., Hora, J. L., Benner, L. A. M., Bhattacharya, B., Bottke, W. F., Chesley, S., **Delbo, M.**, Fazio, G., Harris, A. W., Mainzer, A., Mommert, M., Morbidelli, A., Penprase, B., Smith, H. A., Spahr, T. B., Stansberry, J. A. 2011 ExploreNEOs. V. Average Albedo by Taxonomic Complex in the Near-Earth Asteroid Population The Astronomical Journal, 142, 85.
- [54] Mottola, S., Di Martino, M., Erikson, A., Gonano-Beurer, M., Carbognani, A., Carsenty, U., Hahn, G., Schober, H.-J., Lahulla, F., **Delbo, M.**, Lagerkvist, C.-I. 2011 Rotational Properties of Jupiter Trojans. I. Light Curves of 80 Objects The Astronomical Journal, 141, 170.
- [55] **Delbo, M.**, Walsh, K., Mueller, M., Harris, A.W., Howell, H.. 2011. The cool surfaces of binary near-Earth Asteroids. Icarus. 212, 138-148. doi:10.1016/j.icarus.2010.12.011
- [56] Mueller, M., **M. Delbo**, D. E. Trilling, B. Bhattacharya, W. F. Bottke, S. Chesley, J. P. Emery, G. G. Fazio, A. W. Harris, J. L. Hora, A. Mainzer, M. Mommert, B. Penprase, H. A. Smith, T. B. Spahr, J. A. Stansberry, and C. A. Thomas 2011. ExploreNEOs III: Physical characterization of 65 low-deltaV NEOs. The Astronomical Journal 141, 109. ArXiv e-prints arXiv:1101.4977.
- [57] Harris, A. W., M. Mommert, J. L. Hora, M. Mueller, D. E. Trilling, B. Bhattacharya, W. F. Bottke, S. Chesley, **M. Delbo**, J. P. Emery, G. Fazio, A. Mainzer, B. Penprase, H. A. Smith, T. B. Spahr, J. A. Stansberry, and C. A. Thomas 2011. ExploreNEOs. II. The Accuracy of the Warm Spitzer Near-Earth Object Survey. The Astronomical Journal 141, 75.
- [58] **Delbo, M.**, Michel, P. 2011. Temperature History and Dynamical Evolution of (101955) 1999 RQ 36: A Potential Target for Sample Return from a Primitive Asteroid. The Astrophysical Journal 728, L42.
- [59] Cellino, A., **Delbo, M.**, Bendjoya, P., Tedesco, E. F. 2010. Polarimetric evidence of close similarity between members of the Karin and Koronis dynamical families. Icarus 209, 556-563.
- [60] Muinonen, K., Belskaya, I. N., Cellino, A., **Delbo, M.**, Lvasseur-Regourd, A.-C., Penttilä, A., Tedesco, E. F. 2010. A three-parameter magnitude phase function for asteroids. Icarus 209, 542-555.
- [61] Michel, P., **Delbo, M.** 2010. Orbital and thermal evolutions of four potential targets for a sample return space mission to a primitive near-Earth asteroid. Icarus 209, 520-534.

- [62] Lauretta, D. S., M. J. Drake, R. P. Benzel, H. Campins, S. R. Chesley, B. E. Clark, **M. Delbo**, J. P. Emery, C. A. Hergenrother, M. C. Nolan, D. J. Scheeres, and Osiris-Rex Team 2010. Asteroid (101955) 1999 RQ36: Optimum Target for an Asteroid Sample Return Mission. *Meteoritics and Planetary Science Supplement* 73, 5153.
- [63] Trilling, D. E., M. Mueller, J. L. Hora, A. W. Harris, B. Bhattacharya, W. F. Bottke, S. Chesley, **M. Delbo**, J. P. Emery, G. Fazio, A. Mainzer, B. Penprase, H. A. Smith, T. B. Spahr, J. A. Stansberry, and C. A. Thomas 2010. ExploreNEOs. I. Description and First Results from the Warm Spitzer Near-Earth Object Survey. *The Astronomical Journal* 140, 770-784.
- [64] Licandro, J., H. Campins, M. Kelley, Y. Fernández, **M. Delbo**, W. T. Reach, O. Groussin, P. L. Lamy, I. Toth, M. F. A'Hearn, J. M. Bauer, S. C. Lowry, A. Fitzsimmons, C. M. Lisse, K. J. Meech, J. Pittichová, C. Snodgrass, and H. A. Weaver 2009. Spitzer observations of the asteroid-comet transition object and potential spacecraft target 107P (4015) Wilson-Harrington. *Astronomy and Astrophysics* 507, 1667-1670.
- [65] Marchi, S., **Delbo, M.**, Morbidelli, A., Paolicchi, P., Lazzarin, M. 2009. Heating of near-Earth objects and meteoroids due to close approaches to the Sun. *Monthly Notices of the Royal Astronomical Society* 400, 147-153.
- [66] Tanga, P., Comito, C., Paolicchi, P., Hestroffer, D., Cellino, A., Dell'Oro, A., Richardson, D. C., Walsh, K. J., **Delbo, M.** 2009. Rubble-Pile Reshaping Reproduces Overall Asteroid Shapes. *The Astrophysical Journal* 706, L197-L202.
- [67] Campins, H., Emery, J. P., Kelley, M., Fernández, Y., Licandro, J., **Delbo, M.**, Barucci, A., Dotto, E. 2009. Spitzer observations of spacecraft target 162173 (1999 JU3). *Astronomy and Astrophysics* 503, L17-L20.
- [68] **Delbo, M.**, Ligori, S., Matter, A., Cellino, A., Berthier, J. 2009. First VLTI-MIDI Direct Determinations of Asteroid Sizes. *The Astrophysical Journal* 694, 1228-1236.
- [69] **Delbo, M.**, Tanga, P. 2009. Thermal inertia of main belt asteroids smaller than 100 km from IRAS data. *Planetary and Space Science* 57, 259-265.
- [70] Muinonen, K., Penttilä, A., Cellino, A., Belskaya, I. N., **Delbo, M.**, Levasseur-Regourd, A. C., Tedesco, E. F. 2009. Asteroid photometric and polarimetric phase curves: Joint linear-exponential modeling. *Meteoritics and Planetary Science* 44, 1937-1946.
- [71] Carvano, J. M., Barucci, M. A., **Delbo, M.**, Fornasier, S., Lowry, S., Fitzsimmons, A. 2008. Surface properties of Rosetta's targets (21) Lutetia and (2867) Steins from ESO observations. *Astronomy and Astrophysics* 479, 241-248.
- [72] Granvik, M., Muinonen, K., Jones, L., Bhattacharya, B., **Delbo, M.**, Saba, L., Cellino, A., Tedesco, E., Davis, D., Meadows, V. 2007. Linking large-parallax Spitzer CFHT VLT astrometry of asteroids. *Icarus* 192, 475-490.
- [73] Tanga, P., **Delbo, M.** 2007. Asteroid occultations today and tomorrow: toward the GAIA era. *Astronomy and Astrophysics* 474, 1015-1022.
- [74] **Delbo, M.**, Dell'Oro, A., Harris, A. W., Mottola, S., Mueller, M. 2007. Thermal inertia of near-Earth asteroids and implications for the magnitude of the Yarkovsky effect. *Icarus* 190, 236-249.
- [75] Harris, A. W., Mueller, M., **Delbo, M.**, Bus, S. J. 2007. Physical characterization of the potentially hazardous high-albedo Asteroid (33342) 1998 WT<sub>24</sub> from thermal-infrared observations. *Icarus* 188, 414-424.
- [76] **Delbo, M.**, Cellino, A., Tedesco, E. F. 2007. Albedo and size determination of potentially hazardous asteroids: (99942) Apophis. *Icarus* 188, 266-269.
- [77] **Delbo, M.**, M. Gai, M. G. Lattanzi, S. Ligori, D. Loreggia, L. Saba, A. Cellino, D. Gandolfi, D. Licchelli, C. Blanco, M. Cigna, and M. Wittkowski 2006. MIDI observations of 1459 Magnya: First attempt of interferometric observations of asteroids with the VLTI. *Icarus* 181, 618-622.

- [78] Cellino, A., **Delbo, M.**, Zappalà, V., Dell’Oro, A., Tanga, P. 2006. Rotational properties of asteroids from Gaia disk-integrated photometry: A genetic algorithm. *Advances in Space Research* 38, 2000-2005.
- [79] Cellino, A., Somma, R., Tommasi, L., Paolinetti, R., Muinonen, K., Virtanen, J., Tedesco, E. F., **Delbo, M.** 2006. NERO: General concept of a Near-Earth object Radiometric Observatory. *Advances in Space Research* 37, 153-160.
- [80] Harris, A. W., Mueller, M., **Delbo, M.**, Bus, S. J. 2005. The surface properties of small asteroids: Peculiar Betulia: A case study. *Icarus* 179, 95-108.
- [81] Di Martino, M., S. Montebugnoli, G. Cevolani, S. Ostro, A. Zaitsev, S. Righini, L. Saba, S. Poppi, **M. Delbo**, A. Orlati, G. Maccaferri, C. Bortolotti, A. Gavrik, and Y. Gavrik 2004. Results of the first Italian planetary radar experiment. *Planetary and Space Science* 52, 325-330.
- [82] **Delbo, M.**, Harris, A. W., Binzel, R. P., Pravec, P., Davies, J. K. 2003. Keck observations of near-Earth asteroids in the thermal infrared. *Icarus* 166, 116-130.
- [83] Harris, A. W., **Delbo, M.**, Binzel, R. P., Davies, J. K., Roberts, J., Tholen, D. J., Whiteley, R. J. 2001. Visible to Thermal-Infrared Spectrophotometry of a Possible Inactive Cometary Nucleus. *Icarus* 153, 332-337.
- [84] Gai, M., Carollo, D., **Delbo, M.**, Lattanzi, M. G., Massone, G., Bertinetto, F., Mana, G., Cesare, S. 2001. Location accuracy limitations for CCD cameras. *Astronomy and Astrophysics* 367, 362-370.

## Invited talks in international conferences

- [1] *P33H-02: Thermophysical properties and modeling of minor bodies regoliths (Invited)* 2017 AGU Fall Meeting. New Orleans, USA, 11-15 Dec 2017.
- [2] *[Invited], ‘Sources of primordial matter in the asteroid belt’*. 51ST ESLAB Symposium: “Extreme Habitable Worlds” Space Research and Technology Centre of the European Space Agency (ESA/ESTEC) 4-8 Dec 2017 Noordwijk the Netherlands. (<http://old.esaconferencebureau.com/2017-events/eslab2017/poster>).
- [3] *Asteroid Thermal Modeling (invited)* Asteroid Comets and Meteors (ACM) 2017. Montevideo, Uruguay, 9-14 Apr. 2017.
- [4] *Vieillissement thermique des matériaux à la surface des astéroïdes et des comètes* Mécamat – Fatigue de Structures et des Matériaux – Aussois, France, 23–27 Jan 2017. <http://colloquemecamat2017.ensma.fr>
- [5] *Asteroid Collisions, Internal Structure, and Physical Properties: Current Knowledge and the AIDA Space Mission*. Stardust Final Conference on Asteroids and Space Debris. ESTEC, 31st Oct 2016 - 3rd Nov 2016. The Netherlands.
- [6] *Asteroid Surface Environment: Remote sensing investigation of asteroids and the nature of their regolith revealed by the thermal inertia*. Asteroid Science Intersections with In-Space Mine Engineering (ASIME) 2016, 20-22/09/2016 Luxembourg.
- [7] *The Gaia Investigation of the Solar System*. IAU General Assembly – Focus meeting 9: “Highlights in the Exploration of Small Worlds”, 10-14/08/2015 Honolulu (HI), US.
- [8] *Asteroid dynamics with GAIA*. IAU General Assembly – Symposium 318 “Asteroids: New Observations, New Models”, 3-7/08/2015 Honolulu (HI), US.
- [9] *A new mechanism for the formation of regolith on asteroids*. American Geophysical Union (AGU) Fall meeting, 15-19/12/2014, San Francisco (CA), US.
- [10] *Crackin up asteroids with sunlight* European Planetary Science Congress 2014. 07-12/09/2014, Cascais, Portugal.
- [11] *Thermal fatigue as the origin of regolith on small asteroïd (such as Bennu)* OSIRIS-REx Science Team Meeting, Lunar and Planetary Laboratory, 22-24/04/2011, University of Arizona, Tucson, US.

- [12] *Asteroid thermal models and thermal history* OSIRIS-REx Science Team Meeting, Lunar and Planetary Laboratory, 30/10-4/11/2011, University of Arizona, Tucson, US.
- [13] *Near Earth Asteroids – Surface physical properties and albedos* AsteRisk - Observatoire de Paris, 28-29/06/2011, Meudon, France.
- [14] *Interferometry of Asteroids* 10 years of VLTI: from first fringes to core science. ESO Garching bei Muenchen, 24-27/10/2011, Germany.
- [15] *Interferometric observations of solar system minor bodies* Resolving the Future of Astronomy with Long-Baseline Interferometry. 28-31/03/2011, New Mexico Tech, Socorro (NM), US.
- [16] *Minor bodies: from thermal infrared observations to the nature of the regolith*. Regolith on Solar System Bodies. Observatoire de Paris, 1-3/12/2010, Meudon, France.
- [17] *Interferometric observations of asteroids* Observatoire de Paris, 22-23/03/2010, Meudon, France.
- [18] *Observations of asteroids in the thermal infrared with Canaricam at the Gran Telescopio Canarias* Canaricam Workshop, Instituto astrofisica de Canarias (IAC), 4-5/05/2009, Tenerife, Spain.
- [19] *Treatment of thermal infrared data* The surface composition of Mercury from UV-Vis-IR. 3-5/06/2009, University of Parma, Italy.
- [20] *Observations of solar system minor bodies with Herschel*, 11/03/2008, Rome, Italy.
- [21] *Astrometric Mission Gaia: Solar System studies*. Italian National meeting of planetary sciences: San Felice Circeo (LT), 4-8/09/2006, Italy.
- [22] *Thermal IR observations of NEOs: The physical properties of near-Earth objects from observations in the thermal infrared*. Near-Earth Objects Hazard: "Knowledge and Action", 26-28/04/2006, Belgirate, Italy.
- [23] *Observing Asteroids with the VLTI*, 02/2005, Aosta, Italy .

## Refereed Proceedings

- [1] Matter, A., Lopez, B., Antonelli, P., Lehmitz, M., Bettonvil, F., Beckmann, U., Lagarde, S., Jaffe, W., Petrov, R., Berio, P., Millour, F., Robbe-Dubois, S., Glindemann, A., Bristow, P., Schoeller, M., Lanz, T., Henning, T., Weigelt, G., Heininger, M., Morel, S., Cruzalebes, P., Meisenheimer, K., Hofferbert, R., Wolf, S., Bresson, Y., Agocs, T., Allouche, F., Augereau, J.-C., Avila, G., Baillet, C., Behrend, J., van Belle, G., Berger, J.-P., van Boekel, R., Bourget, P., Brast, R., Clause, J.-M., Connot, C., Conzelmann, R., Csepány, G., Danchi, W. C., **Delbo, M.**, Dominik, C., van Duin, A., Elswijk, E., Fantei, Y., Finger, G., Gabasch, A., Gonté, F., Graser, U., Guitton, F., Guniat, S., De Haan, M., Haguenaue, P., Hanenburg, H., Hofmann, K.-H., Hogerheijde, M., ter Horst, R., Hron, J., Hummel, C., Isderda, J., Ives, D., Jakob, G., Jasko, A., Jolley, P., Kiraly, S., Kragt, J., Kroener, T., Kroes, G., Kuindersma, S., Labadie, L., Laun, W., Leinert, C., Lizon, J.-L., Lucuix, C., Marcotto, A., Martinache, F., Martinot-Lagarde, G., Mauclert, N., Mehrgan, L., Meilland, A., Mellein, M., Menardi, S., Merand, A., Neumann, U., Nussbaum, E., Ottogalli, S., Palsa, R., Panduro, J., Pantin, E., Percheron, I., Phan Duc, T., Pott, J.-U., Pozna, E., Roelfsema, R., Rupprecht, G., Schertl, D., Schmidt, C., Schuil, M., Spang, A., Stegmeier, J., Tromp, N., Vakili, F., Vannier, M., Wagner, K., Venema, L., Woillez, J. 2016 An overview of the mid-infrared spectro-interferometer MATISSE: science, concept, and current status Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series, 9907, 99070A-
- [2] Wolf, S., Lopez, B., Augereau, J.-C., **Delbo, M.**, Dominik, C., Henning, T., Hofmann, K.-H., Hogerheijde, M., Hron, J., Jaffe, W., Lanz, T., Meisenheimer, K., Millour, F., Pantin, E., Petrov, R., Schertl, D., van Boekel, R., Weigelt, G., Chiavassa, A., Juhasz, A., Matter, A., Meilland, A., Nardetto, N., Paladini, C. 2016 Science with MATISSE Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series, 9907, 99073S-
- [3] **Delbo, M.**, Gayon-Markt, J., Busso, G., Brown, A., Galluccio, L., Ordenovic, C., Bendjoya, P., Tanga, P. 2012 Asteroid spectroscopy with Gaia Planetary and Space Science, 73, 86-94.



- [4] **Delbo, M.**, 2004. *The nature of near-earth asteroids from the study of their thermal infrared emission*. Freie Universitaet Berlin, Digitale Dissertation, on-line at: <http://www.diss.fu-berlin.de/2004/289/indexe.html>
- [5] **Delbo, M.**, 1997. *Sistema di Guida per il telescopio asterometrico dell'Osservatorio di Torino*, Thèse de Laurea, University of Genova and Astronomical Observatory of Torino, Italia.

## Other refereed publications

- [1] **Delbo, M.** 2006. Thermal Infrared Asteroid Diameters and Albedos V1.0. NASA Planetary Data System 52.

## Communications in international conferences

- [1] Bolin, B. T., Morbidelli, A., Delbo, M., Walsh, K. J. 2017 Identifying asteroid families >2 Gyrs-old AAS/Division for Planetary Sciences Meeting Abstracts, 49, 208.12-
- [2] Walsh, K. J., Delbo, M., Bolin, B. T., Avdellidou, C., Morbidelli, A. 2017 Beyond the families - the size distribution of non-family asteroids in the inner main belt AAS/Division for Planetary Sciences Meeting Abstracts, 49, 201.03-
- [3] Delbo, M., Walsh, K. J., Bolin, B. T., Avdellidou, C., Morbidelli, A. 2017 A primordial inner Main Belt asteroid family that pre-dates the giant planet instability AAS/Division for Planetary Sciences Meeting Abstracts, 49, 201.02-
- [4] Emery, J., Rozitis, B., Christensen, P. R., Thomas, C. A., Hamilton, V. E., Clark, B. E., Delbo, M., Lim, L. F., Lauretta, D. 2017 Thermophysical Analysis of 101955 Bennu with OSIRIS-REx AAS/Division for Planetary Sciences Meeting Abstracts, 49, 110.02-
- [5] Delbo, M., Galluccio, L., De Angeli, F., Mignard, F., Cellino, A., Tanga, P. 2017 Gaia space mission and asteroid spectroscopy European Planetary Science Congress, 11, EPSC2017-865-
- [Libourel et al.(2017)] Libourel, G., Michel, P., Delbo, M., Ganino, C., Recio-Blanco, A., de Laverny, P., Zolensky, M. E., Krot, A. R. 2017 Search for Primitive Matter in the Solar System Lunar and Planetary Science Conference, 48, 2280-
- [6] El Mir, C., Ramesh, K. T., **Delbo, M.**, Plescia, J. B. 2016 The Contribution of Thermal Fatigue on Lunar Regolith Evolution LPI Contributions, 1960, 5073-
- [7] Hanus, J., **Delbo, M.**, Vokrouhlicky, D., Pravec, P., Emery, J. P., Ali-Lagoa, V., Bolin, B. T., Devogele, M., Dyvig, R., Galad, A., Jedicke, R., Kornos, L., Kusnirak, P., Licandro, J., Reddy, V., Warner, B. D., Rivet, J.-P., Vilagi, J. 2016 Shape, size, physical properties and nature of low-perihelion near-Earth asteroid (3200) Phaethon AAS/Division for Planetary Sciences Meeting Abstracts, 48, 516.08-
- [8] Ali-Lagoa, V., **Delbo, M.**, Hanus, J. 2016 Thermal inertia as an indicator of rockiness variegation on near-Earth asteroid surfaces AAS/Division for Planetary Sciences Meeting Abstracts, 48, 516.01-
- [9] El Mir, C., Hazeli, K., Ramesh, K., **Delbo, M.** 2016 A scaling analysis for thermal fragmentation on small airless bodies AAS/Division for Planetary Sciences Meeting Abstracts, 48, 505.04-
- [10] Bolin, B. T., **Delbo, M.**, Morbidelli, A., Walsh, K. J. 2016 Yarkovsky V-shape identification of asteroid families AAS/Division for Planetary Sciences Meeting Abstracts, 48, 400.04-
- [11] Muinonen, K., Cellino, A., Dell Oro, A., Tanga, P., **Delbo, M.**, Mignard, F., Thuillot, W., Berthier, J., Carry, B., Hestroffer, D., Granvik, M., Fedorets, G. 2016 Asteroid science by Gaia 41st COSPAR Scientific Assembly, 41,

- [12] El Mir, C., Hazeli, K., Ramesh, K. T., **Delbo, M.**, Wilkerson, J. 2016 Thermal Fatigue: Lengthscales, Timescales, and Their Implications on Regolith Size-Frequency Distribution Lunar and Planetary Science Conference, 47, 2586-
- [13] **Delbo, M.**, Ali-Lagoa, V., Wilkerson, J., Libourel, G. 2016 Thermal Fracture of Bennu, Phaethon, and Other Low-Perihelion Asteroids Lunar and Planetary Science Conference, 47, 2203-
- [14] Mazrouei, S., Ali Lagoa, V., **Delbo, M.**, Ghent, R. R., Wilkerson, J. 2016 Does Thermal Fatigue Play a Role in Lunar Regolith Formation? Lunar and Planetary Science Conference, 47, 1785-
- [15] Avdellidou, C., Price, M. C., **Delbo, M.**, Cole, M. J. 2016 The Effect of Target's Porosity on the Fate of the Impactor in Hypervelocity Collisions Lunar and Planetary Science Conference, 47, 1551-
- [16] Ďurech, J., Hanuš, J., Alí-Lagoa, V. M., **Delbo, M.**, Oszkiewicz, D. A. 2016 WISE data and sparse photometry used for shape reconstruction of asteroids Asteroids: New Observations, New Models, 318, 170-176
- [17] Libourel, G., **Delbo, M.**, Wilkerson, J., Ganino, C., Michel, P. 2015 Effects of Solar Heating on Asteroids Space Weathering of Airless Bodies: An Integration of Remote Sensing Data, Laboratory Experiments and Sample Analysis Workshop, 1878, 2005.
- [18] Poulet, F., Lucchetti, A., Bibring, J.-P., Langevin, Y., Carter, J., **Delbo, M.**, Eng, P., Gondet, B., Jorda, L., Le Mouélic, S., Mottola, S., Pilorget, C., Vincendon, M., Cremonese, G. 2015 Using quantitative analysis to understand the current and past physical processes that sculpted the Philae landing site AAS/Division for Planetary Sciences Meeting Abstracts, 47, #500.04
- [19] Mommert, M., Harris, A. W., Mueller, M., Hora, J. L., Trilling, D. E., Knight, M., Bottke, W. F., Thomas, C., **Delbo, M.**, Emery, J. P., Fazio, G., Smith, H. A. 2015 Dormant Comets in the Near-Earth Asteroid Population AAS/Division for Planetary Sciences Meeting Abstracts, 47, #308.04
- [20] Granvik, M., Morbidelli, A., Jedicke, R., Bolin, B., Bottke, W. F., Beshore, E., Vokrouhlicky, D., **Delbo, M.**, Michel, P. 2015 Thermally-driven destruction of asteroids at small perihelion distances AAS/Division for Planetary Sciences Meeting Abstracts, 47, #214.07
- [21] de Leon, J., Pinilla-Alonso, N., Campins, H., Lorenzi, V., Licandro, J., Morate, D., Tanga, P., Cellino, A., **Delbo, M.** 2015 PRIMitive Asteroids Spectroscopic Survey PRIMASS: First Results AAS/Division for Planetary Sciences Meeting Abstracts, 47, #106.09
- [22] Bolin, B. T., **Delbo, M.**, Alí Lagoa, V., Morbidelli, A., Veres, P. 2015 A new method to identify asteroid families older than 2 Ga IAU General Assembly, 22, #2257781
- [23] **Delbo, M.** A brief historical perspective of the development of thermal/thermophysical modelling. 2015. Thermal Models for Planetary Sciences II. Puerto de la Cruz, Tenerife, Spain, 3–5 June, 2015.
- [24] J. Hanus, **Delbo, M.**, Ali-Lagoa, V., Effects of shape uncertainties in thermal modeling and revised WISE uncertainties. 2015. Thermal Models for Planetary Sciences II. Puerto de la Cruz, Tenerife, Spain, 3–5 June, 2015.
- [25] V. Ali-Lagoa, **Delbo, M.**, G. Libourel. Thermal effects in comet nuclei. The effects of thermal cracking. 2015. Thermal Models for Planetary Sciences II. Puerto de la Cruz, Tenerife, Spain, 3–5 June, 2015.
- [26] **M. Delbo** Libourel, G., Wilkerson, J., Murdoch, N., Ramesh, K.T., Ganino, C., Michel, P., C. Verati, S. Marchi. 2015. Thermal Cracking of surfaces of airless bodies: new experiments. 2015. Thermal Models for Planetary Sciences II. Puerto de la Cruz, Tenerife, Spain, 3–5 June, 2015.
- [27] Durech, J., Hanus, J., **Delbo, M.**, Ali-Lagoa, V., Carry, B. 2015. Thermal Models for Planetary Sciences II. Puerto de la Cruz, Tenerife, Spain, 3–5 June, 2015.
- [28] Hazeli, K., Wilkerson, J., El Mir, C., **Delbo, M.**, Ramesh, K. T. 2015 Regolith Formation on Airless Bodies Lunar and Planetary Science Conference, 46, 1618.

- [29] **Delbo, M.** Asteroid regolith formation: impacts vs thermal fatigue fragmentation. 2015. Stardust ITN Local training workshop: Collisions in the Solar system. 11-13 February 2015, Belgrade, Serbia.
- [30] Michel, P., **Delbo, M.**, Libourel, G., Ganino, C., Verati, C., Rémy, B. 2015 Temperature shocks at the origin of regolith on asteroids *Highlights of Astronomy*, 16, 162-162.
- [31] Matter, A., **Delbo, M.**, Carry, B., Tanga, P. 2014 Observation of asteroids with GRAVITY - Physical characterization of binary systems SF2A-2014: Proceedings of the Annual meeting of the French Society of Astronomy and Astrophysics, 139-143.
- [32] Durech, J., Hanus, J., **Delbo, M.**, Ali-Lagoa, V., Carry, B. 2014 Physical properties of asteroids derived from a novel approach to modeling of optical lightcurves and WISE thermalinfrared data AAS/Division for Planetary Sciences Meeting Abstracts, 46, #509.11.
- [33] Hanus, J., **Delbo, M.**, Durech, J., Alí-Lagoa, V. 2014 Thermal Inertias of Main-Belt Asteroids from Wise Thermal Infrared Data AAS/Division for Planetary Sciences Meeting Abstracts, 46, #509.05.
- [34] Bottke, W., Vokrouhlicky, D., Walsh, K., **Delbo, M.**, Michel, P., Lauretta, D. S., Campins, H., Connolly, H. C., Scheeres, D., Chesley, S. 2014 In Search of the Source of Bennu, the OSIRIS-REx Sample Return Mission Target AAS/Division for Planetary Sciences Meeting Abstracts, 46, #400.05.
- [35] Hergenrother, C. W., Hill, D. H., Spitz, A., Barucci, M. A., Binzel, R. P., Beshore, E., Bottke, W., Brucato, J. R., Clark, B. E., Cloutis, E., Connolly, H. C., **Delbo, M.**, Dotto, E., Ieva, S., Licandro, J., Nolan, M. C., Perna, D., Sandford, S. A., Takir, D., Lauretta, D. S. 2014 Crowd-sourcing Near-Earth Asteroid Science with the OSIRIS-REx Target Asteroids! Program AAS/Division for Planetary Sciences Meeting Abstracts, 46, #213.04.
- [36] Asphaug, E., Belton, M., Bockelee-Morvan, D., Chesley, S., **Delbo, M.**, Farnham, T., Gim, Y., Grimm, R., Herique, A., Kofman, W., Oberst, J., Orosei, R., Piqueux, S., Plaut, J., Robinson, M., Sava, P., Heggy, E., Kurth, W., Scheeres, D., Denevi, B., Turtle, E., Weissman, P. 2014 The Comet Radar Explorer Mission AAS/Division for Planetary Sciences Meeting Abstracts, 46, #209.07.
- [37] Libourel, G., **Delbo, M.**, Wilkerson, J., Murdoch, N., Michel, P., Ramesch, K. T., Ganino, C., Verati, C., Marchi, S. 2014 Thermal Fatigue as the Origin of Regolith on Small Asteroids 77th Annual Meeting of the Meteoritical Society, 1800, 5083.
- [38] **Delbo, M.**, Tanga, P., Van Belle, G., Matter, A., Carry, B., Creech-Eakman, M. J. 2014 Long Baseline Interferometric Observations of Asteroids: Physical Characterization of Binary Systems Resolving The Future Of Astronomy With Long-Baseline Interferometry, 487, 217.
- [39] Walsh, K., **Delbo, M.**, DeMeo, F. 2014 Seeking diversity in the spectra of the Polana and Eulalia families Asteroids, Comets, Meteors 2014.
- [40] Murdoch, N., **Delbo, M.**, Libourel, G., Wilkerson, J., Michel, P., Ramesh, K., Ganino, C., Verati, C., Marchi, S. 2014 Regolith production on asteroid surfaces via thermal fatigue fragmentation Asteroids, Comets, Meteors 2014.
- [41] Jacobson, S., Campins, H., **Delbo, M.**, Michel, P., Tanga, P., Hanuš, J., Morbidelli, A. 2014 Using asteroid families to test planetesimal differentiation hypotheses Asteroids, Comets, Meteors 2014.
- [42] Hanuš, J., **Delbo, M.**, Durech, J., Alí-Lagoa, V. 2014 Thermophysical modeling of main-belt asteroids from WISE data Asteroids, Comets, Meteors 2014.
- [43] Granvik, M., Morbidelli, A., Jedicke, R., Bottke, W., Bolin, B., Beshore, E., **Delbo, M.**, Vokrouhlicky, D., Penttilä, A., Nesvorný, D., Michel, P. 2014 Unbiased dynamical and physical characteristics of the near-Earth-object population Asteroids, Comets, Meteors 2014.
- [44] Devogèle, M., Hanus, J., Tanga, P., Rivet, J., Cellino, A., Hickson, P., **Delbo, M.**, Surdej, J., Bendjoya, P., Abe, L., Suarez, O. 2014 Peculiar polarization and shape properties of Barbarian asteroids: A campaign for their physical characterization Asteroids, Comets, Meteors 2014.

- [45] **Delbo, M.**, Libourel, G., Wilkerson, J., Murdoch, N., Michel, P., Ramesh, K., Ganino, C., Verati, C., Marchi, S. 2014 Effects of solar heating on asteroids Asteroids, Comets, Meteors 2014.
- [46] Cellino, A., Bagnulo, S., Tanga, P., Novakovic, B., **Delbo, M.** 2014 Barbarians in the Watsonia family: Interpretation and open problems Asteroids, Comets, Meteors 2014.
- [47] Ali-Lagoa, V., Licandro, J., **Delbo, M.**, Gil-Hutton, R., Cañada-Assandri, M., de Leon, J., Pinilla-Alonso, N., Campins, H. 2014 Physical properties of small B-type asteroids from SDSS and WISE data Asteroids, Comets, Meteors 2014.
- [48] **Delbo, M.** Thermal properties of carbonaceous chondrite like asteroids. 2014. Carbonaceous chondrites: their parent bodies and their link with primitive asteroids Villefranche sur Mer, France, June 2-4, 2014
- [49] Ganino, C., Libourel, G., **Delbo, M.**, Michel, P. 2014 Reappraisal of Metasomatic Process Conditions of Allende CV3 Chondrite Using Thermodynamic and Schreinemakers Analyses Lunar and Planetary Science Conference, 45, 2749.
- [50] Trilling, D. E., Hora, J., Burt, B., **Delbo, M.**, Emery, J., Fazio, G., Fuentes, C., Harris, A., Mueller, M., Mommert, M., Smith, H. 2013 The Size Distribution of Very Small Near Earth Objects As Measured by Warm Spitzer AAS/Division for Planetary Sciences Meeting Abstracts, 45, #304.02
- [51] Mueller, M., Emery, J., Rivkin, A., Trilling, D., Hora, J., **Delbo, M.**, Sugita, S., Hasegawa, S., Ishiguro, M., Choi, Y., Mommert, M. 2013 Thermal Lightcurves of 1999 JU3, Target of Hayabusa 2, Using Warm Spitzer AAS/Division for Planetary Sciences Meeting Abstracts, 45, #304.01
- [52] Tanga, P., **Delbo, M.**, Gerakis, J. 2013 MP3C - the Minor Planet Physical Properties Catalogue: a New VO Service For Multi-database Query AAS/Division for Planetary Sciences Meeting Abstracts, 45, #208.29
- [53] Ali-Lagoa, V., Licandro, J., **Delbo, M.**, Pinilla-Alonso, N., Emery, J. P., Campins, H., de León, J. 2013 Combining visible-to-near-infrared spectra and WISE data of Hildas and Jupiter Trojans: preliminary results AAS/Division for Planetary Sciences Meeting Abstracts, 45, #205.08
- [54] Thomas, C. A., Emery, J. P., Trilling, D. E., **Delbo, M.**, Hora, J. L., Mueller, M. 2013 Near-Infrared Spectroscopy of Warm Spitzer-observed Near-Earth Objects AAS/Division for Planetary Sciences Meeting Abstracts, 45, #205.07
- [55] **Delbo, M.**, Matter, A., Gundlach, B., Blum, J. 2013 On the metal-rich surfaces of (16) Psyche and other M-type asteroids from interferometric observations in the thermal infrared AAS/Division for Planetary Sciences Meeting Abstracts, 45, #205.03
- [56] Comfort, C., Campins, H., de Leon, J., Morbidelli, A., Licandro, J., Gayon-Markt, J., **Delbo, M.**, Michel, P. 2013 The Origin of Asteroid 162173 (1999 JU3) AAS/Division for Planetary Sciences Meeting Abstracts, 45, #112.10
- [57] Bottke, W., Vokrouhlicky, D., Nesvorny, D., Walsh, K., **Delbo, M.**, Lauretta, D., Connolly, H., OSIRIS-REx Team 2013 The Unusual Evolution of Billion-Year Old Asteroid Families by the Yarkovsky and YORP Effects AAS/Division for Planetary Sciences Meeting Abstracts, 45, #106.06
- [58] Walsh, K. J., **Delbo, M.**, Bottke, W. F., Vokrouhlicky, D., Lauretta, D. S. 2013 Introducing the Eulalia and New Polana Families: Re-Assesing Primitive Asteroid Families in the Inner Main-Belt Lunar and Planetary Science Conference, 44, 2835.
- [59] Walsh, K. J., **Delbo, M.**, Bottke, W. F. 2012 New Findings on Primitive Asteroid Families in the Inner Asteroid Belt: An Important Source of Primitive NEOs AAS/Division for Planetary Sciences Meeting Abstracts, 44, #305.04
- [60] Mommert, M., Harris, A. W., Trilling, D. E., Mueller, M., Hora, J. L., **Delbo, M.**, Bottke, W. F., Emery, J. P., Fazio, G., Hagen, A. R., Morbidelli, A., Smith, H. A., Thomas, C. A. 2012 ExploreNEOs: A Search for Near-Earth Objects of Cometary Origin AAS/Division for Planetary Sciences Meeting Abstracts, 44, #302.03

- [61] **Delbo, M.**, Nesvorný, D., Licandro, J., Ali-Lagoa, V. 2012 New Analysis Of The Baptistina Asteroid Family: Implications For Its Link With The K/t Impactor AAS/Division for Planetary Sciences Meeting Abstracts, 44, #202.01
- [62] **Delbo, M.**, Walsh, K. 2012 Where do the primitive NEOs come from? A new asteroid family may be a primary source European Planetary Science Congress 2012, 622.
- [63] Murdoch, N., **Delbo, M.**, Libourel, G., Ganino, C., Michel, P., Verati, C. 2012 Regolith formation on asteroids via thermal fatigue European Planetary Science Congress 2012, 581.
- [64] Maurin, A.-S., Selsis, F., Hersant, F., Belu, A., Raymond, S. N., Leconte, J., **Delbo, M.** 2012 Characterizing Super-Mercuries by their infrared orbital photometry European Planetary Science Congress 2012, 500.
- [65] Ali-Lagoa, V., Licandro, J., de León, J., **Delbo, M.**, Pinilla-Alonso, N., Campins, H. 2012 B-type asteroids observed by the Wide-field Infrared Survey Explorer European Planetary Science Congress 2012, 227.
- [66] Groussin, O., Brageot, E., Reynaud, J.-L., Lamy, P., Jorda, L., Licandro, J., Helbert, J., Knollenberg, J., Kürt, E., **Delbo, M.** 2012 THERMAP : a mid-infrared spectro-imager for the Marco Polo R mission European Planetary Science Congress 2012, 48.
- [67] Trilling, D. E., Hora, J. L., Mueller, M., Thomas, C. A., Harris, A. W., Hagen, A. R., Mommert, M., Benner, L., Bhattacharya, B., Bottke, W. F., Chesley, S., **Delbo, M.**, Emery, J. P., Fazio, G., Kistler, J. L., Mainzer, A., Morbidelli, A., Penprase, B., Smith, H. A., Spahr, T. B., Stansberry, J. A. 2012 ExploreNEOs: The Warm Spitzer Near Earth Object Survey LPI Contributions, 1667, 6485.
- [68] Thomas, C. A., Emery, J. P., Trilling, D. E., **Delbo, M.**, Hora, J. L., Mueller, M. 2012 Physical Characterization of Warm Spitzer Observed Near-Earth Objects LPI Contributions, 1667, 6466.
- [69] Campins, H., de León, J., Morbidelli, A., Licandro, J., Gayon, J., **Delbo, M.**, Michel, P. 2012 The Origin of Asteroid 162173 (1999 JU3). LPI Contributions, 1667, 6452.
- [70] Tanga, P., Hestroffer, D., Berthier, J., Cellino, A., **Delbo, M.**, DellOro, A., Mignard, F., Muinonen, K., Pauwells, T., Petit, J. M., Thuillot, W., DPAC-CU4-SSO Team 2012 Gaia Observations of Solar System Bodies LPI Contributions, 1667, 6283.
- [71] Durech, J., **Delbo, M.**, Carry, B. 2012 Asteroid Models Derived from Thermal Infrared Data and Optical Lightcurves LPI Contributions, 1667, 6118.
- [72] Vernazza, P., **Delbo, M.**, King, P. L., Izawa, M. R. M., Olofsson, J., Lamy, P., Cipriani, F., Binzel, R. P., Marchis, F., Merin, B., Tamanai, A. 2012 High Surface Porosity as the Origin of Emissivity Features in Asteroid Spectra LPI Contributions, 1667, 6049.
- [73] **Delbo, M.**, Libourel, G., Michel, P., Ganino, C., Verati, C. 2012 Temperature Shocks at the Origin of Regolith on Asteroids Lunar and Planetary Science Conference, 43, 1776.
- [74] Maurin, A.-S., Selsis, F., Hersant, F., **Delbo, M.** 2011 Characterization of rocky exoplanets from their infrared phase curve IAU Symposium, 276, 485-486.
- [75] Thomas, C. A., Trilling, D. E., Emery, J. P., Mueller, M., Hora, J. L., Benner, L. A. M., Bhattacharya, B., Bottke, W. F., Chesley, S., **Delbo, M.**, Fazio, G., Harris, A. W., Mainzer, A., Mommert, M., Morbidelli, A., Penprase, B., Smith, H. A., Spahr, T. B., Stansberry, J. A. 2011 ExploreNEOs: Average albedo by taxonomic complex in the near-Earth asteroid population EPSC-DPS Joint Meeting 2011, 1531.
- [76] Maurin, A.-S., Selsis, F., Hersant, F., Raymond, S. N., Leconte, J., **Delbo, M.** 2011 Effects of tides on the infrared light curve of rocky exoplanets EPSC-DPS Joint Meeting 2011, 1351.
- [77] Gayon-Markt, J., **Delbo, M.**, Morbidelli, A., Marchi, S., Galluccio, L., Ordenovic, C. 2011 On the origin of the Almahata Sitta meteorite and asteroid 2008TC3 EPSC-DPS Joint Meeting 2011, 915.

- [78] Mueller, M., Trilling, D. E., Hora, J. L., Harris, A. W., Benner, L. A. M., Bhattacharya, B., Bottke, W. F., Chesley, S., **Delbo, M.**, Emery, J. P., Fazio, G., Hagen, A. R., Kistler, J. L., Mainzer, A., Mommert, M., Morbidelli, A., Penprase, B., Smith, H. A., Spahr, T. B., Stansberry, J. A., Thomas, C. A. 2011 ExploreNEOs: The Warm Spitzer Near Earth Object survey EPSC-DPS Joint Meeting 2011, 839.
- [79] **Delbo, M.**, Libourel, G., Ganino, C., Michel, P., Marchi, S., Verati, C. 2011 Temperature shocks at the origin of regolith on asteroids EPSC-DPS Joint Meeting 2011, 552.
- [80] Ziffer, J., Campins, H., Licandro, J., Kelley, M. S., Fernandez, Y. R., **Delbo, M.**, Hargrove, K., Alí-Lagoa, V. 2011 WISE Observations of Primitive Asteroid Families Bulletin of the American Astronomical Society, #405.03
- [81] Masiero, J., Mainzer, A. K., Grav, T., Bauer, J. M., Cutri, R., Dailey, J., **Delbo, M.**, McMillan, R. S., Mueller, M., Walker, R. G., Wright, E. L. 2011 WISE results for the Main Belt Asteroids Lunar and Planetary Science Conference, 42, 1304.
- [82] Michel, P., **Delbo, M.** 2011 Past Thermal and Orbital Histories of 1999JU3 and 1999RQ36: Two Potential Targets of Sample Return Space Missions to a Primitive Asteroid Lunar and Planetary Science Conference, 42, 1234.
- [83] Mueller, M., **M. Delbo**, D. E. Trilling, B. Bhattacharya, W. F. Bottke, S. Chesley, J. P. Emery, G. G. Fazio, A. W. Harris, J. L. Hora, A. Mainzer, M. Mommert, B. Penprase, H. A. Smith, T. B. Spahr, J. A. Stansberry, and C. A. Thomas 2010. ExploreNEOs III: Size, Albedo, And Thermal History Of 58+ Low-deltaV NEOs. Bulletin of the American Astronomical Society 42, 1081.
- [84] Harris, A. W., M. Mommert, J. L. Hora, M. Mueller, D. E. Trilling, B. Bhattacharya, W. F. Bottke, S. Chesley, **M. Delbo**, J. P. Emery, G. G. Fazio, A. Mainzer, B. Penprase, H. A. Smith, T. B. Spahr, J. A. Stansberry, and C. A. Thomas 2010. The Accuracy of the Warm Spitzer Near-Earth Object Survey. Bulletin of the American Astronomical Society 42, 1081.
- [85] Trilling, D. E., M. Mueller, J. L. Hora, A. W. Harris, B. Bhattacharya, W. F. Bottke, S. Chesley, **M. Delbo**, J. P. Emery, G. Fazio, A. Mainzer, M. Mommert, B. Penprase, H. A. Smith, T. B. Spahr, J. A. Stansberry, and C. A. Thomas 2010. ExploreNEOs: Status and Results from the Warm Spitzer NEO Survey. Bulletin of the American Astronomical Society 42, 1081.
- [86] Masiero, J. R., A. K. Mainzer, J. Bauer, R. Cutri, J. Dailey, **M. Delbo**, T. Grav, R. S. McMillan, M. Mueller, R. Walker, E. Wright, and WISE Science Team 2010. WISE Albedos for Tens of Thousands of Main Belt Asteroids. Bulletin of the American Astronomical Society 42, 1072.
- [87] Mottola, S., M. Di Martino, A. Erikson, M. Gonano-Beurer, A. Carbognani, U. Carsenty, G. Hahn, H. Schober, F. Lahulla, **M. Delbo**, and C. Lagerkvist 2010. The Jupiter Trojans Photometric Survey: Lightcurves of 80 Objects. AAS/Division for Planetary Sciences Meeting Abstracts #42 42, #39.36.
- [88] Petersen, E., C. Thomas, D. Trilling, J. Emery, **M. Delbo**, M. Mueller, and R. Dave 2010. Taxonomic Classification of Asteroids via Broadband Near-Infrared Photometry. Bulletin of the American Astronomical Society 42, 1036.
- [89] Dave, R., J. Emery, D. Cruikshank, M. Mueller, **M. Delbo**, D. E. Trilling, and M. Mommert 2010. Thermal Emission Spectroscopy (5.2 To 38 Microns) And Analysis Of 10 Near-earth Asteroids. Bulletin of the American Astronomical Society 42, 1057.
- [90] **Delbo, M.** and P. Michel 2010. The Temperature History of (101955) 1999 RQ36 and other Potential Targets of Sample Return Missions to Primitive Asteroids. Bulletin of the American Astronomical Society 42, 1057.
- [91] Emery, J. P., C. A. Thomas, D. E. Trilling, R. Dave, **M. Delbo**, and M. Mueller 2010. Near-infrared Spectroscopy Of NEOs: Characterization Of Targets Of The ExploreNEOs (Spitzer) Program. Bulletin of the American Astronomical Society 42, 1056.

- [92] Cellino, A., I. Belskaya, **M. Delbo**, A.-C. Levasseur-Regourd, K. Muinonen, A. Penttilä, and E. F. Tedesco 2010. A new three-parameter H,G1,G2 magnitude phase function for asteroids. Electromagnetic and Light Scattering XII, Proceedings of the 12th conference held in Helsinki, June 28 - July 2, 2010. Edited by Karri Muinonen et al.. Helsinki: Helsinki University Print, 2010, p.22 22.
- [93] Masiero, J., A. Mainzer, T. Grav, **M. Delbo**, M. Mueller, and Wise Team 2010. The WISE Survey of the Albedo Distribution of Main Belt Asteroids. Lunar and Planetary Institute Science Conference Abstracts 41, 1283.
- [94] Bhattacharya, B., D. E. Trilling, W. F. Bottke, S. R. Chesley, **M. Delbo**, J. P. Emery, G. G. Fazio, A. R. Hagen, A. W. Harris, J. Hora, A. K. Mainzer, M. Mueller, B. E. Penprase, H. A. Smith, T. B. Spahr, J. A. Stansberry, and C. A. Thomas 2010. A Ground-Based Observing Program in Support of the Warm Spitzer NEO Project. Bulletin of the American Astronomical Society 42, #334.04.
- [95] Hora, J. L., D. E. Trilling, C. A. Thomas, J. A. Stansberry, T. B. Spahr, H. A. Smith, B. E. Penprase, M. Mueller, A. K. Mainzer, A. W. Harris, G. G. Fazio, J. P. Emery, **M. Delbo**, S. R. Chesley, W. F. Bottke, and B. Bhattacharya 2010. The Warm Spitzer NEO Survey: Exploring The History of the Inner Solar System and Near Earth Space. Bulletin of the American Astronomical Society 42, #334.03.
- [96] Trigo-Rodriguez, J. M., **M. Delbo**, and J. Blum 2009. On the importance of short-perihelion approaches in the surface thermal processing of NEOs. European Planetary Science Congress 2009, 520.
- [97] Thomas, C. A., D. Trilling, B. Penprase, J. Emery, J. Hora, M. Mueller, **M. Delbo**, C. Fitzgerald, A. Hagen, D. Hickey, V. Reddy, B. Bhattacharya, W. Bottke, S. Chesley, G. Fazio, A. Harris, A. Mainzer, H. Smith, T. Spahr, and J. Stansberry 2009. A Comprehensive Ground-based Observing Campaign for Spitzer-observed NEOs. AAS/Division for Planetary Sciences Meeting Abstracts #41 41, #43.03.
- [98] Trilling, D. E., B. Bhattacharya, W. F. Bottke, S. R. Chesley, **M. Delbo**, J. P. Emery, G. G. Fazio, A. W. Harris, J. L. Hora, A. K. Mainzer, M. Mueller, B. E. Penprase, H. A. Smith, T. B. Spahr, J. A. Stansberry, and C. A. Thomas 2009. ExploreNEOs: The Warm Spitzer NEO survey. AAS/Division for Planetary Sciences Meeting Abstracts #41 41, #43.02.
- [99] **Delbo, M.**, S. Marchi, A. Morbidelli, G. Libourel, and H. Campins 2009. Radiative Heating And Temperature Stress at the Surfaces of Near-Earth Objects as Source of Surface Metamorphisms. AAS/Division for Planetary Sciences Meeting Abstracts #41 41, #32.02.
- [100] Trilling, D. E., S. Jones, B. Penprase, J. Emery, A. Harris, T. Spahr, and **M. Delbo** 2009. Visible photometry of NEOs in support of a Warm Spitzer program. NOAO Proposal ID #2009B-0501 501.
- [101] Trilling, D. E., B. Bhattacharya, W. Bottke, S. Chesley, **M. Delbo**, J. Emery, G. Fazio, A. Harris, J. Hora, A. Mainzer, M. Mueller, B. Penprase, H. Smith, T. Spahr, and J. Stansberry 2009. The Warm Spitzer NEO Survey: Exploring the History of the Inner Solar System and Near Earth Space. American Astronomical Society Meeting Abstracts #214 214, #210.05.
- [102] Richichi, A., O. Fors, E. Mason, **M. Delbo**, J. Stegmaier, and G. Finger 2009. Life on the Fast Lane: The Burst Mode at the VLT at Present and in the Future. Science with the VLT in the ELT Era 455.
- [103] Wolf, S., and 35 colleagues 2009. MATISSE Science Cases. Science with the VLT in the ELT Era 359.
- [104] Lopez, B., and 60 colleagues 2009. Matisse. Science with the VLT in the ELT Era 353.
- [105] Hestroffer, D., W. Thuillot, S. Mouret, F. Colas, P. Tanga, F. Mignard, **M. Delbo**, and B. Carry 2008. Ground-based observations of solar system bodies in complement to Gaia.. SF2A-2008 21.
- [106] **Delbo, M.**, K. Walsh, and M. Mueller 2008. The Cool Surfaces of Binaries Near-Earth Asteroids. Bulletin of the American Astronomical Society 40, 433.
- [107] Loreggia, D., **M. Delbo**, M. Gai, M. G. Lattanzi, S. Ligori, L. Saba, M. Wittkowski, and A. Cellino 2008. Observation of Asteroids with the VLTI. The Power of Optical/IR Interferometry: Recent Scientific Results and 2nd Generation 565.

- [108] Maris, M., D. Hestroffer, **M. Delbo**, M. Mueller, W. Grundy, J. Stansberry, G. P. Tozzi, P. Tanga, and W. Thuillot 2008. Post eclipse thermal response of Uranian satellites with SINFONI: a status report .. *Memorie della Societa Astronomica Italiana Supplementi* 12, 34.
- [109] Berthier, J., D. Hestroffer, B. Carry, J. Durech, P. Tanga, **M. Delbo**, and F. Vachier 2008. A Service of Position and Physical Ephemerides Computation Dedicated to the Small Bodies of the Solar System. *LPI Contributions* 1405, 8374.
- [110] Muinonen, K., A. Cellino, I. Belskaya, **M. Delbo**, A.-C. Levasseur-Regourd, and E. F. Tedesco 2008. Inversion of Asteroid Phase Curves for Empirical Magnitude and Polarization Systems. *LPI Contributions* 1405, 8263.
- [111] Tanga, P., A. Cellino, **M. Delbo**, D. Hestroffer, F. Mignard, S. Mouret, and W. Thuillot 2008. Solar System data mining for Gaia and ground-based observational support. 37th COSPAR Scientific Assembly 37, 3146.
- [112] Cellino, A., A. Dell Oro, P. Tanga, and **M. Delbo** 2008. The determination of asteroid physical properties from Gaia observations. 37th COSPAR Scientific Assembly 37, 477.
- [113] Richichi, A., O. Fors, E. Mason, **M. Delbo**, J. Stegmaier, and G. Finger 2007. Life on the fast lane: the burst mode at the VLT at present and in the future. arXiv:0712.1179.
- [114] Tanga, P. and **M. Delbo** 2007. Asteroid Size Harvest: A Bright Future For Star Occultations. *Bulletin of the American Astronomical Society* 38, 483.
- [115] **Delbo, M.** and S. Ligori 2007. First Interferometric Observations of Asteroids with the VLTI\*. *Bulletin of the American Astronomical Society* 38, 469.
- [116] Cellino, A., **M. Delbo**, and E. F. Tedesco 2007. Albedo and size of (99942) Apophis from polarimetric observations?. *IAU Symposium* 236, 451-454.
- [117] **Delbo, M.**, A. Dell'Oro, A. W. Harris, S. Mottola, and M. Mueller 2006. Thermal Inertia of near-Earth Asteroids and Strength of the Yarkovsky Effect. *Bulletin of the American Astronomical Society* 38, 581.
- [118] Di Martino, M., **M. Delbo**, L. Saba, A. Cellino, V. Zappalà, S. Montebugnoli, S. Righini, L. Zoni, R. Orosei, and F. Tosi 2006. The SRT as radar for asteroid and space debris studies. *Memorie della Societa Astronomica Italiana Supplementi* 10, 180.
- [119] Cellino, A., **M. Delbo**, and E. F. Tedesco 2006. Albedo and size determination of (99942) Apophis from polarimetric observations\*. *European Planetary Science Congress* 2006 537.
- [120] **Delbo, M.**, A. Dell'Oro, A. W. Harris, S. Mottola, and M. Mueller 2006. Thermal inertia of near-Earth asteroids and magnitude of the Yarkovsky effect. *European Planetary Science Congress* 2006 177.
- [121] **Delbo, M.** and S. Ligori 2006. First VLTI observations of asteroids. *European Planetary Science Congress* 2006 165.
- [122] **Delbo, M.** and P. Tanga 2006. The future of asteroid occultations: the post-GAIA era. *European Planetary Science Congress* 2006 147.
- [123] Tedesco, E. F., W. F. Bottke, S. J. Bus, E. Volquardsen, A. Cellino, **M. Delbo**, D. R. Davis, A. Morbidelli, J. L. Hora, J. D. Adams, and M. Kassis 2005. Albedo Distributions of Near-Earth and Intermediate Source Region Asteroids. *Bulletin of the American Astronomical Society* 37, 643.
- [124] Granvik, M., J. Virtanen, K. Muinonen, L. Allen, V. Meadows, B. Bhattacharya, **M. Delbo**, A. Cellino, E. Tedesco, D. Davis, and J. D. Giorgini 2005. Linkages and Orbital Accuracies Obtained for Asteroids Observed in the Spitzer First Look Survey Ecliptic Plane Component and the Ground-based Follow-up Program. *Bulletin of the American Astronomical Society* 37, 636.
- [125] Harris, A. W., M. Mueller, **M. Delbo**, and S. J. Bus 2005. Peculiar Betulia Re-visited: A Near-Earth Asteroid with a Bare-Rock Surface?. *Bulletin of the American Astronomical Society* 37, 628.

- [126] Mueller, M., A. W. Harris, **M. Delbo**, and MIRSI Team 2005. 21 Lutetia and other M-types: Their sizes, albedos, and thermal properties from new IRTF measurements. *Bulletin of the American Astronomical Society* 37, 627.
- [127] Granvik, M., K. Muinonen, J. Virtanen, **M. Delbo**, L. Saba, G. de Sanctis, R. Morbidelli, A. Cellino, and E. Tedesco 2005. Linking Very Large Telescope asteroid observations. *IAU Colloq. 197: Dynamics of Populations of Planetary Systems* 231-238.
- [128] Cellino, A., **M. Delbo**, A. dell’Oro, and V. Zappalá 2005. Gaia Observations of Asteroids: Sizes, Taxonomy, Shapes and Spin Properties. *The Three-Dimensional Universe with Gaia* 576, 231.
- [129] Tozzi, G. P. and **M. Delbo** 2005. Organic Solids in Comets: the examples of C/2000 WM.1 (LINEAR) and C/2001 Q.4 (NEAT) .. *Memorie della Societa Astronomica Italiana Supplementi* 6, 157.
- [130] **Delbo, M.**, M. Gai, M. G. Lattanzi, D. Loreggia, L. Saba, and A. Cellino 2005. Observing Asteroids with the VLTI .. *Memorie della Societa Astronomica Italiana Supplementi* 6, 133.
- [131] Saba, L., Di Martino M., **M. Delbo**, A. Cellino, ZappalàV., S. Montebugnoli, S. Righini, L. Zoni, R. Orosei, F. Tosi, G. Valsecchi, A. Gardini, D. Grassi, Rossi, A., A. Milani, and M. Lazzarin 2005. The Sardinian Radio Telescope as Radar for the study of near-Earth Objects and Space Debris. *Memorie della Societa Astronomica Italiana Supplementi* 6, 104.
- [132] Cellino, A., **M. Delbo**, V. Zappalá, and A. dell’Oro 2004. Asteroid rotational properties from GAIA photometry. *35th COSPAR Scientific Assembly* 35, 2212.
- [133] Mueller, M., A. W. Harris, **M. Delbo**, and S. J. Bus 2003. The Sizes and Albedos of Near-Earth Asteroids, Including 6489 Golevka, from Recent IRTF Observations. *Bulletin of the American Astronomical Society* 35, 955.
- [134] Harris, A. W., **M. Delbo**, and R. P. Binzel 2003. The Physical Characterization of Near-Earth Asteroids: Latest Results of a Program of Thermal-Infrared Observations. *Bulletin of the American Astronomical Society* 35, 955.
- [135] **Delbo, M.** and S. Mottola 2002. A new method to estimate the size and the surface temperature distribution of asteroids. *Asteroids, Comets, and Meteors: ACM 2002 500*, 895-898.
- [136] **Delbo, M.**, A. W. Harris, R. Binzel, M. di Martino, J. K. Davies, and P. Pravec 2002. Surveying near-Earth asteroids in the thermal infrared. *Asteroids, Comets, and Meteors: ACM 2002 500*, 891-894.
- [137] Zaitsev, A. L., M. di Martino, A. A. Konovalenko, S. Montebugnoli, S. P. Ignatov, Y. F. Kolyuka, A. S. Nabatov, I. S. Falkovich, A. L. Gavrik, Y. A. Gavrik, C. Bortolotti, A. Cattani, A. Maccaferri, G. Maccaferri, M. Roma, **M. Delbo**, L. Saba, T. Afanas’eva, T. Gridshina, and S. Righini 2002. Radar detection of NEA 33342 (1998 WT24) with Evpatoria – Medicina system at 6 cm. *Asteroids, Comets, and Meteors: ACM 2002 500*, 883-886.
- [138] Tozzi, G. P., H. Boehnhardt, H. Campins, **M. Delbo**, M. di Martino, L. Kolokolova, L. M. Lara Lopez, J. Licandro, R. Schulz, and T. Sekiguchi 2002. Multiband observations of the comet C/2000 WM1 (LINEAR) at its closest approach to the Earth. *Asteroids, Comets, and Meteors: ACM 2002 500*, 593-596.
- [139] Binzel, R. P., J. S. Stuart, A. S. Rivkin, **M. Delbo**, A. W. Harris, A. W. Harris, and S. J. Bus 2002. Exploring the Comet Component Within the Near-Earth Object Population. *Bulletin of the American Astronomical Society* 34, 840.
- [140] Righini, S., S. Poppi, S. Montebugnoli, M. DiMartino, L. Saba, **M. Delbo**, S. Ostro, J. Monari, M. Poloni, and A. Orlati 2002. Intercontinental Bistatic Radar Test Observation of Asteroid 1998 WT24. *Astrophysics and Space Science Library* 278, 65.
- [141] **Delbo, M.**, M. di Martino, L. Saba, S. Montebugnoli, S. Righini, S. Poppi, A. Orlati, S. Ostro, and G. Cevolani 2002. The First Italian Radar Experiment. *EGS XXVII General Assembly, Nice, 21-26 April 2002* 27, 5643.

- [142] **Delbo, M.**, A. W. Harris, R. P. Binzel, and J. K. Davies 2000. Physical Characterization of Near-Earth Objects With the Keck Telescope. *Bulletin of the American Astronomical Society* 32, 1000.
- [143] **Delbo, M.**, G. Tosti, M. Villata, C. M. Raiteri, F. Salvati, L. Lanteri, G. Massone, and F. Porcu 1999. The REOSC automation project. *Blazar Monitoring towards the Third Millennium* 121-124.
- [144] **Delbo, M.**, Marchi, S., Morbidelli, A., Libourel, G., Campins, H. 2009. Radiative Heating And Temperature Stress at the Surfaces of Near-Earth Objects as Source of Surface Metamorphisms. *AAS/Division for Planetary Sciences Meeting Abstracts* 41, #32.02.

## Invited Seminars

- [1] **Delbo, M.** 05-0217. *Fracture thermique des astéroïdes et des comètes* Laboratoire Sols, Solides, Structures et Risques .Grenoble, France
- [2] **Delbo, M** 2017. *In search for the primitive solar system material in the Main Asteroid Belt*. Sterrewach (Observatory) Leiden, the Netherlands.
- [3] **Delbo, M.**, 2016. *Cracking up asteroids, comets and other minor bodies under the light of the sun* ESA/ESTEC October 21, 2016. Noordwijk, The Netherlands.
- [4] **Delbo, M.**, 2014. *Burning and cracking Asteroids with Sunlight* Centre for Astrophysics and Planetary Science (CAPS) University of Kent, Canterbury, UK, 21/10/2014.
- [5] **Delbo, M.**, 2014. *Cracking up asteroids with Sun light* Rigas Fotonikas Centrs, Riga, Latvia. 9/07/2014.
- [6] **Delbo, M.**, 2014. *Cracking up asteroids with Sun light (thermal fatigue cracking of rocks on asteroids)* INAF – Astronomical Observatory of Arcetri. 27/06/2014.
- [7] **Delbo, M.**, 2014. *Cracking up asteroids with Sun light* Center for Lunar and Asteroid Surface Science / Florida Space Institute. Orlando, FL, US. 16/Apr/2014.
- [8] **Delbo, M.**, 2013. *Weathring processes of asteroid surfaces? Formation of regolith* INAF – Astronomical Observatory of Catania, Italy. 5/11/2014.
- [9] **Delbo, M.**, 2012. *Heating of near-Earth objects and meteoroids due to close approaches to the Sun* Univerisy of Hawaii, US. 6/09/2012.
- [10] **Delbo, M.**, 2011. *The Main Belt Origin of the asteroid 2008 TC<sub>3</sub> and the Almahata Sitta meteorites*. Astronomical Institute of the Charles University, Prague, CZ 19/10/2011.
- [11] **Delbo, M.**, 2011. *The Main Belt Origin of the asteroid 2008 TC<sub>3</sub> and the Almahata – Sitta meteorites*. South-West Reserach Institute Boulder, CO, USA. 05/04/2011.
- [12] **Delbo, M.**, 2010. *Towards a new compositional map of the asteroid belt: a key tool for understanding the origin of asteroid and their dynamical families*. Jet Propulsion Laboratory NASA Pasadena, CA, USA. 28/09/2010.
- [13] **Delbo, M.**, 2010. *Temperature on asteroids: implication for the nature of the regolith, thermal metamorphysm and rock breaking by thermal fatigue*. Museum national d’Histoire naturelle, Paris, France. 10/06/2010.
- [14] **Delbo, M.**, 2008a. *Physics of asteroids from analysis of their heat emission: thermal models and new observational techniques*. Istituto di Astrofisica Spaziale e Fisica Cosmica, Rome, Italy. 13/03/2008.
- [15] **Delbo, M.**, 2008b. *Asteroid physical properties from interferometry to high precision astrometry*. Observatoire de la Côte d’Azur, France. 26/02/2008.
- [16] **Delbo, M.**, 2008c. *Observations et modeles de l’emmission infrarouge des corps planetaires. A partir des asteroïdes potentiellement dangereux jusqu’aux planetes extrasolaires*. Observatoire de Bordeaux, France. 28/03/2008.

- [17] **Delbo, M.**, 2007a. *Recent results from observations and modeling of asteroids in the thermal infrared*. Max Planck Institute for Solar System Research, Max Planck-Str. 2 37191 Katlenburg-Lindau, Germany. 28/08/2007.
- [18] **Delbo, M.**, 2007b. *Observations and modeling of planetary objects in the thermal infrared*. Laboratoire Universitaire d'Astrophysique de Nice UMR 6525 (LUAN), Nice, France. 09/05/2007.
- [19] **Delbo, M.**, 2007c. *From potentially hazardous asteroids to extrasolar planets: observations and modeling of thermal infrared emission of planetary objects*. Institut de Mecanique Celeste et de Calcul des Ephemerides (IMCCE), Paris, France. 02/05/2007.
- [20] **Delbo, M.**, 2005. *Thermal Infrared Properties of Near-Earth Asteroids*. Massachusetts Institute of Technology, Boston, US. 19/02/2005.
- [21] **Delbo, M.**, 2004a *Thermal properties of near-Earth asteroids: novel results and their implication for the strength of the Yarkovsky effect*. Observatoire de la Côte d'Azur, Nice, France. 7/12/2004.
- [22] **Delbo, M.**, 2004b *The Nature of near-Earth asteroids from the study of their thermal infrared emission*. INAF - Osservatorio Astronomico di Torino, Italy. 14/10/2004.
- [23] **Delbo, M.**, 2003 *Observation of Asteroids with GAIA* DLR-Berlin, Germany. 09/05/2003.
- [24] **Delbo, M.**, 2001 *Asteroid thermal models and the problems of their application to Near Earth Asteroids*. Max Planck Institute fuer Aeronomie, Katlenburg-Lindau, Germany. 05/09/2001.