

## Publications

### Earth Sciences

1. Bistacchi A, Eva E, **Massironi M.**, Solarino S (2000). Miocene to Present kinematics of the NW-Alps: evidences from remote sensing, structural analysis, seismotectonics and thermochronology. *JOURNAL OF GEODYNAMICS*, 30; 205-228.
2. Bistacchi A, **Massironi M.** (2000). Post-nappe brittle tectonics and kinematic evolution of the north-western Alps: an integrated approach. *TECTONOPHYSICS*, 327; 267-292.
3. Bistacchi A, **Massironi M.** (2001). Introduzione alla tettonica fragile neoalpina e sua influenza sull'instabilità dei versanti. In: G. PASQUARE'. Tettonica recente e instabilità dei versanti. p. 9-33, Fondazione Cariplo e CNR
4. Bistacchi A, Dal Piaz Gv, **Massironi M.**, Zattin M, Balestrieri MI (2001). The Aosta-Ranzola extensional fault system and Oligocene-Present evolution of the Austroalpine-Penninic wedge in the northwestern Alps. *INTERNATIONAL JOURNAL OF EARTH SCIENCES*, 90; 654-667.
5. Caporali A, Martin S, **Massironi M.** (2002). The present day strain rate field in Italy and surrounding countries as inferred from geodetic data. *BOLLETTINO DI GEOFISICA TEORICA E APPLICATA*, 43: 1-2; 3-21.
6. Fellin MG, Martin S, **Massironi M.** (2002). Polyphase Tertiary fault kinematics and Quaternary reactivation in the central-eastern Alps (western Trentino). *JOURNAL OF GEODYNAMICS*, 34; 31-46.
7. Gambillara R., Astori A., **Massironi M.**, Martin S. (2003). Neotettonica dell'area veronese: uno studio integrato fra microrilievo e remote sensing. *MEMORIE DI SCIENZE GEOLOGICHE*, 55; 13-20.
8. Zampieri D, **Massironi M.**, Sedea R, Sparacino V. (2003). Strike-slip contractional stepovers in the Southern Alps (northeastern Italy). *ECLOGAE GEOLOGICAE HELVETIAE*, 96; 115-123
9. **Massironi M.**, Bistacchi A, Dal Piaz Gv, Monopoli B, Schiavo A (2003). Structural control on mass-movement evolution: A case study from the Vizze Valley, Italian Eastern Alps. *ECLOGAE GEOLOGICAE HELVETIAE*, 96; 85-98.
10. Caporali A, Martin S, **Massironi M.** (2003). Average strain rate in the Italian crust inferred from a permanent GPS network - II. Strain rate versus seismicity and structural geology. *GEOPHYSICAL JOURNAL INTERNATIONAL*, 155; 254-268.
11. Dal Piaz Gv, Bistacchi A, **Massironi M.** (2003). Geological outline of the Alps. *EPISODES*, 26; 175-180.
12. Caporali A, Braitenberg C, **Massironi M.** (2005). Geodetic and hydrological aspects of the Merano earthquake of 17 July 2001. *JOURNAL OF GEODYNAMICS*, 39; 317-336.
13. **Massironi M.**, Zampieri D, Caporali A (2006). Miocene to present major fault linkages through the Adriatic indenter and the Austroalpine-Penninic collisional wedge (Alps of the NE Italy). In: MORATTI G., CHALOUAN A., Tectonics of the Western Mediterranean and North Africa. The Geological Society of London special publication 262; 242-258.
14. Zampieri D., **Massironi M.** (2007). Evolution of a poly-deformed relay zone between fault segments in the eastern Southern Alps, Italy. In: CUNNINGHAM W.D., MANN P.. Tectonics of strike-slip restraining and realising bends. The Geological Society of

London special publication, 290, 351-366.

15. Bistacchi A, **Massironi M.**, Dal Piaz Gv, Dal Piaz G, Monopoli B, Schiavo A, Toffolon G (2008). 3D fold and fault reconstruction with an uncertainty model: An example from an Alpine tunnel case study. *COMPUTERS & GEOSCIENCES*, 34; 351-372.
16. Pasquarè G, Bistacchi A, Francalanci L, Bertotto G. W, Boari E, **Massironi M.**, Rossotti A (2008). Very Long Pahoehoe Inflated Basaltic Flows In The Payenia Volcanic Province (Mendoza And La Pampa, Argentina). *REVISTA DE LA ASOCIACIÓN GEOLÓGICA ARGENTINA*, 63(1); 131-149
17. **Massironi M.**, Bertoldi L, Calafa P, Visona D, Bistacchi A, Giardino C, Schiavo A (2008). Interpretation and processing of ASTER data for geological mapping and granitoids detection in the Saghro massif (eastern Anti-Atlas, Morocco). *GEOSPHERE*, 4; 736-759
18. **Massironi M.**, Zampieri D, Bianchi M, Schiavo A, Franceschini A (2009). Use of PSInSAR (TM) data to infer active tectonics: Clues on the differential uplift across the Giudicarie belt (Central-Eastern Alps, Italy). *TECTONOPHYSICS*, 476; 297-303.
19. Bistacchi A., **Massironi M.**, Menegon L. (2010). Three-dimensional characterization of a crustal-scale fault zone: The Pusteria and Sprechenstein fault system (Eastern Alps). *JOURNAL OF STRUCTURAL GEOLOGY*, 32; 2022-2041.
20. Viero A, Teza G, **Massironi M.**, Jaboyedoff M, Galgaro A (2010). Laser scanning-based recognition of rotational movements on a deep seated gravitational instability: The Cinque Torri case (North-Eastern Italian Alps). *GEOMORPHOLOGY*, 122; 191-204.
21. Bertoldi L, **Massironi M.**, Visona D, Carosi R, Montomoli C, Gubert F, Naletto G, Pelizzo M (2011). Mapping the Buraburi granite in the Himalaya of Western Nepal: Remote sensing analysis in a collisional belt with vegetation cover and extreme variation of topography. *REMOTE SENSING OF ENVIRONMENT*, 115; 1129-1144.
22. **Massironi M.**, Bistacchi A., Menegon L. (2011). Misoriented faults in exhumed metamorphic complexes: Rule or exception?. *EARTH AND PLANETARY SCIENCE LETTERS*, 307, 233-239.
23. **Massironi M.**, Genevois R., Floris M., Stefani M. (2011). Influence of the antiformal setting on the kinematics of a large mass movement: the Passo Vallaccia, eastern Italian Alps. *BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT*, 70, 497-506.
24. Pignalosa A, Zattin M, **Massironi M.**, Cavazza W (2011). Thermochronological evidence for a late Pliocene climate-induced erosion rate increase in the Alps. *INTERNATIONAL JOURNAL OF EARTH SCIENCES*, 100; 847-859.
25. Preto N, Franceschi M, Gattolin G, **Massironi M.**, Riva A, Gramigna P, Bertoldi L, Nardon S (2011). The Latemar: A Middle Triassic polygonal fault-block platform controlled by synsedimentary tectonics. *SEDIMENTARY GEOLOGY*, 234; 1-18.
26. Monegato G., **Massironi M.**, Martellato E., Teza G., (2011). Omeonga- A possible large impact structure on the Eastern Kasai Province (D.R. Congo)? *Meteoritics & Planetary Science*, 46:12, 1804-1813.
27. Furlani S., Monegato G., Stinghen A., Rova E., Kuparadze D., Boschian G., **Massironi M.**, Bondesan A., (2012). Paleohydrographic evolution and its influence on human settlement in the Karthaliny Basin (Georgia). *IL QUATERNARIO* 25(1), 57- 66.
28. Rosenbaum G., Menegon L., Glodny J., Vasconcelos P., Ring U., **Massironi M.**, Thiede

- D., Nasipuri P. (2012). Dating deformation in the Gran Paradiso Massif (NW Italian Alps): Implications for the exhumation of high-pressure rocks in a collisional belt, *LITHOS*, 144-145, 130-144.
29. Bistacchi A., **Massironi M.**, Menegon L., Bolognesi F., Donghi V., (2012). On the nucleation of non-Andersonian faults along phyllosilicate-rich mylonite belts. In: Healy, D., Butler, R. W. H., Shipton, Z. K. & Sibson, R. H. (eds), *Faulting, Fracturing and Igneous Intrusion in the Earth's Crust*. Geological Society, London, Special Publications, 367, 185-199.
  30. **Massironi M.**, Zampieri D., Superchi L., Bistacchi A., Ravagnan R., Bergamo A., Genevois R., (2013). Geological structures of the Vajont landslide. *ITALIAN JOURNAL OF ENGINEERING GEOLOGY AND ENVIRONMENT*, volume 2013, Issue Topic 6, 573-582.
  31. Francese R., Giorgi M., Böhm G., Bistacchi A., Bondesan A., **Massironi M.**, Genevois R. (2013). 3D Geophysical imaging of the Vajont landslide and of its surroundings. *ITALIAN JOURNAL OF ENGINEERING GEOLOGY AND ENVIRONMENT*, volume 2013, Issue Topic 6, 555-565.
  32. Bistacchi A., **Massironi M.**, Superchi L., Zorzi L., Francese R., Giorgi M., Chistolini F., Genevois R. (2013). A 3D geological model of the 1963 Vajont landslide. *ITALIAN JOURNAL OF ENGINEERING GEOLOGY AND ENVIRONMENT*, volume 2013, Issue Topic 6, 531-539.
  33. Zorzi, L., **Massironi, M.**, Surian, N., Genevois, R., Floris, M. (2014). How multiple foliations may control large gravitational phenomena: A case study from the Cismon Valley, Eastern Alps, Italy. *GEOMORPHOLOGY*, 207, 149-160.
  34. Franceschi M., **Massironi M.**, Franceschi P., Picotti V., (2014). Spatial analysis of thickness variability applied to an Early Jurassic carbonate platform in the central Southern Alps (Italy): a tool to unravel syn-sedimentary faulting. *TERRA NOVA*, 26, 239-246.
  35. Franceschi M.; Martinelli M.; Gislimberti L.; Rizzi A.; **Massironi M.** (2015). Integration of 3D modeling, aerial LiDAR and photogrammetry to study a synsedimentary structure in the Early Jurassic Calcarei Grigi (Southern Alps, Italy). DOI:10.5721/EuJRS20154830. pp.527-539. In *EUROPEAN JOURNAL OF REMOTE SENSING - ISSN:2279-7254 vol. 48*.

## Planetary Sciences

1. Bistacchi N, **Massironi M.**, Baggio P (2004). Large-scale fault kinematic analysis in Noctis Labyrinthus (Mars). *PLANETARY AND SPACE SCIENCE*, 52; 215-222.
2. **Massironi M.**, Forlani G, Cremonese G, Capria M-T, Da Deppo V, Giacommi L, Naletto G, Pasquare G, Roncella R, Flamini E (2008). Simulations using terrestrial geological analogues to assess interpretability of potential geological features of the Hermean surface restituted by the STereo imaging Camera of the SIMBIOSYS package (BepiColombo mission). *PLANETARY AND SPACE SCIENCE*, 56; 1079-1092.
3. Giacomini L, **Massironi M.**, Martellato E, Pasquare G, Frigeri A, Cremonese G. (2009). Inflated flows on Daedalia Planum (Mars)? Clues from a comparative analysis with the Payen volcanic complex (Argentina). *PLANETARY AND SPACE SCIENCE*, 57; 556-570.
4. Marchi S, Mottola S, Cremonese G, **Massironi M.**, Martellato E (2009). A new chronology for Moon and Mercury. *THE ASTRONOMICAL JOURNAL*, 137; 4936-4948.
5. **Massironi M.**, Cremonese G, Marchi S, Martellato E, Mottola S, Wagner RJ (2009).

Mercury's geochronology revised by applying Model Production Function to Mariner 10 data: Geological implications. *GEOPHYSICAL RESEARCH LETTERS*, 36; L21204, ISSN: 0094-8276.

6. Flamini E, Capaccioni F, Colangeli L, Cremonese G, Doressoundiram A, Josset JI, Langevin Y, Debei S, Capria Mt, De Sanctis Mc, Marinangeli L, **Massironi M.**, Epifani E.M., Naletto G, Palumbo P, Eng P, Roig Jf, Caporali A, Da Deppo V, Erard S, Federico C, Forni O, Sgavetti M, Filacchione G, Giacomini L, Marra G, Martellato E, Zusi M, Cosi M, Bettanini C, Calamai L, Zaccariotto M, Tommasi L, Dami M, Veltroni J F, Poulet F, Hello Y (2010). SIMBIO-SYS: The spectrometer and imagers integrated observatory system for the BepiColombo planetary orbiter. *PLANETARY AND SPACE SCIENCE*, 58; 125-143.
7. Marchi S, Barbieri C, Koppers M, Marzari F, Davidsson B, Keller Hu, Besse S, Lamy P, Mottola S, **Massironi M.**, Cremonese G. (2010). The cratering history of asteroid (2867) Steins. *PLANETARY AND SPACE SCIENCE*, 58; 1116-1123.
8. **Massironi M.**, Giacomini L, Ferrari S, Martellato E, Cremonese G, Marchi S, Coradini A (2010). Benefits of the Proposed Magia Mission for Lunar Geology. *EARTH MOON AND PLANETS*, 107; 267-297.
9. Prockter L.M., Ernst C.M., Denevi B.W., Chapman C.R., Head J.W., Fassett C.I., Merline W. J., Solomon S. C., Watters T. R., Strom R.G., Cremonese G., Marchi S., **Massironi M.** (2010). Evidence for Young Volcanism on Mercury from the Third MESSENGER Flyby. *SCIENCE*, 329; 668-671.
10. Rothery D, Marinangeli L, Anand M, Carpenter J, Christensend U, Crawford Ia, De Sanctis Mc, Epifani Em, Erard S, Frigeri A, Fraser G, Hauber E, Helbert J, Hiesinger H, Joy K, Langevin Y, **Massironi M.**, Milillo A, Mitrofanov I, Muinonen K, Naranen J, Pauselli C, Potts P, Warell J, Wurz P (2010). Mercury's surface and composition to be studied by BepiColombo. *PLANETARY AND SPACE SCIENCE*, 58; 21-39.
11. Rothery D., **Massironi M.** (2010). Beagle Rupes - Evidence for a basal decollement of regional extent in Mercury's lithosphere. *ICARUS*, 209; 256-261.
12. Marchi M., **Massironi M.**, Cremonese G., Martellato E., Giacomini L., Prockter L., (2011). The effects of the target material properties and layering on the crater chronology: The case of Raditladi and Rachmaninoff basins on Mercury. *PLANETARY AND SPACE SCIENCE*, 59; 1968-1980.
13. Simioni E, Naletto G, Forlani G, Cremonese G, Da Deppo V, **Massironi M.**, Segato E (2011). A New Stereo Algorithm based on Snakes. *PHOTOGRAMMETRIC ENGINEERING AND REMOTE SENSING*, 77; 495-507.
14. Sierks H.; Lamy P.; Barbieri C.; Koschny D.; Rickman H.; Rodrigo R.; A'Hearn M. F.; Angrilli F.; Barucci M. A.; Bertaux J. -L.; Bertini I.; Besse S.; Carry B.; Cremonese G.; Da Deppo V.; Davidsson B.; Debei S.; De Cecco M.; De Leon J.; Ferri F.; Fornasier S.; Fulle M.; Hviid S. F.; Gaskell R. W.; Groussin O.; Gutierrez P.; Ip W.; Jorda L.; Kaasalainen M.; Keller H. U.; Knollenberg J.; Kramm R.; Kuehrt E.; Kueppers M.; Lara L.; Lazzarin M.; Leyrat C.; Lopez Moreno J. J.; Magrin S.; Marchi S.; Marzari F.; **Massironi M.**; Michalik H.; Moissl R.; Naletto G.; Preusker F.; Sabau L.; Sabolo W.; Scholten F.; Snodgrass C.; Thomas N.; Tubiana C.; Vernazza P.; Vincent J. -B.; Wenzel K. -P.; Andert T.; Paetzold M.; Weiss B. P. (2011). Images of Asteroid 21 Lutetia: A Remnant Planetesimal from the Early Solar System. *Science*, 334, 487-490.
15. Cremonese G., Martellato E., Marzari F., Kuehrt E., Scholten F., Preusker F., Wünnemann K., Borin P., **Massironi M.**, Simioni E., Ip W., and the OSIRIS Team (2012). Hydrocode simulations of the largest crater on asteroid Lutetia *PLANETARY AND*

SPACE SCIENCE 66, 147- 154.

16. Giacomini L., Carli C., Sgavetti M., **Massironi M.** (2012). Spectral analysis and geological mapping of the Daedalia Planum lava field (Mars) using OMEGA data. ICARUS, 220, 679- 693.
17. Magrin S.; LaForgia F.; Pajola M.; Lazzarin M.; **Massironi M.**; Ferri F.; Da Deppo V.; Barbieri C.; Sierks H. and the OSIRIS Team (2012). (21) Lutetia spectrophotometry from Rosetta-OSIRIS images and comparison to ground-based observations PLANETARY AND SPACE SCIENCE, 66, 43- 53.
18. Marchi S.; **Massironi M.**; Vincent J.-B.; Morbidelli A.; Mottola S.; Marzari F.; Küppers M.; Besse S.; Thomas N.; Barbieri C.; Naletto G.; Sierks H. (2012). The cratering history of asteroid (21) Lutetia PLANETARY AND SPACE SCIENCE, 66 ; 87- 95.
19. **Massironi M.**; Marchi S.; Pajola M.; Snodgrass C.; Thomas N.; Tubiana C.; Baptiste J. V.; Cremonese G.; Da Deppo V.; Ferri F.; Magrin S.; Sierks H.; Barbieri C.; Lamy P.; Rickman H.; Rodrigo R.; Koschny D.; OSIRIS Team (2012). Geological map and stratigraphy of asteroid 21 Lutetia PLANETARY AND SPACE SCIENCE, 66, 125- 136.
20. Thomas N., Barbieri C., Keller H.U., Lamy P., Rickman H., Rodrigo R., Sierks H., Wenzel K.P., Cremonese G. , Jorda L., Küppers M., Marchi S. , Marzari F., **Massironi M.**, Preusker F., Scholten F., Stephan K., Barucci M.A., Besse S., El-Maarry M.R. , Fornasier S. , Groussin O., Hviid S.F., Koschny D., Kuhrt E., Martellato E., Moissl R., Snodgrass C., Tubiana C. , Vincent J.-B. (2012). The geomorphology of (21) Lutetia: Results from the OSIRIS imaging system onboard ESA's Rosetta spacecraft PLANETARY AND SPACE SCIENCE , 66, 96- 124.
21. Vincent J.B. , Besse S., Marchi S., Sierks H., **Massironi M.**(2012). Physical properties of craters on asteroid (21) Lutetia PLANETARY AND SPACE SCIENCE, 79- 86, 66.
22. Di Achille G., Popa C., **Massironi M.**, Mazzotta Epifani E., Zusi M., Cremonese G., Palumbo P., (2012). Mercury's radius change estimates revisited using MESSENGER data. ICARUS, 221, 456-460.
23. Helbert J., Nestola F., Ferrari S., Maturilli A., **Massironi M.**, Redhammer G.J., Capria M.T., Carli C., Capaccioni F., Bruno M., (2013). Olivine thermal emissivity under extreme temperature ranges: Implication for Mercury surface. EARTH AND PLANETARY SCIENCE LETTERS, 371–372, 252-257.
24. Ferrari S., Nestola F., **Massironi M.**, Maturilli A., Helebert J., Alvaro M., Domeneghetti M.C., Zorzi F. (2014). In-situ high-temperature emissivity spectra and thermal expansion of C2/c pyroxenes: Implications for the surface of Mercury. American Mineralogist, 99, 786-792
25. **Massironi, M.**, Di Achille, G. Rothery D. A., Galluzzi V., Giacomini L., Ferrari S., Zusi M., Cremonese G., Palumbo P. (2015). Lateral ramps and strike-slip kinematics on Mercury. In: Platz, T., Massironi, M., Byrne, P.K. & Hiesinger, H. (eds) Volcanism and Tectonism Across the Inner Solar System. Geological Society, London, Special Publications, 401, 269-290.
26. Pozzobon, R., Mazzarini, F., **Massironi, M.** & Marinangeli, L. (2015). Self-similar clustering distribution of structural features on Ascræus Mons (Mars): implications for magma chamber depth. In: Platz, T., Massironi, M., Byrne, P. K. & Hiesinger, H. (eds) Volcanism and Tectonism Across the Inner Solar System. Geological Society, London, Special Publications, 401, 203-218.
27. Meyzen, C. M., **Massironi, M.**, Pozzobon, R. & Dal Zilio, L. (2015). Are terrestrial

plumes from motionless plates analogues to Martian plumes feeding the giant shield volcanoes? In: Platz, T., Massironi, M., Byrne, P. K. & Hiesinger, H. (eds) *Volcanism and Tectonism Across the Inner Solar System*. Geological Society, London, Special Publications, 401, 107-126.

28. Ferrari S., **Massironi M.**, Marchi S., Byrne P.K., Kilmczak C., Martellato E., Cremonese C. (2015). Age relationships of the Rembrandt basin and Enterprise Rupes, Mercury. " In: Platz, T., Massironi, M., Byrne, P. K. & Hiesinger, H. (eds) *Volcanism and Tectonism Across the Inner Solar System*. Geological Society, London, Special Publications, 401, 159-172.
29. Giacomini L., **Massironi M.**, Marchi M., Fassett C.I., Di Achille G., Cremonese G. (2015). Age dating of an extensive thrust system on Mercury: implications for the planet's thermal evolution In: Platz, T., Massironi, M., Byrne, P. K. & Hiesinger, H. (eds) *Volcanism and Tectonism Across the Inner Solar System*. Geological Society, London, Special Publications, 401, 291-311.
30. Platz T., Byrne P.K., **Massironi M.**, Hiesinger H., (2015). Volcanism and tectonism across the inner solar system: an overview. In: Platz, T., Massironi, M., Byrne, P. K. & Hiesinger, H. (eds) *Volcanism and Tectonism Across the Inner Solar System*. Geological Society, London, Special Publications, 401, 1-56.
31. Thomas R.J., Luchetti A., Cremonese C., Rothery D.A., **Massironi M.**, Re C., Conway S.J., Anand M. (2015). A cone on Mercury: Analysis of a residual central peak encircled by an explosive volcanic vent. *PLANETARY AND SPACE SCIENCE* 108, 108-116.
32. Thomas, N., Sierks, H., Barbieri, C., Lamy, P.L., Rodrigo, R., Rickman, H., Koschny, D., Keller, H.U., Agarwal, J., A'Hearn, M.F., Angrilli, F., Auger, A.-T., Barucci, M.A., Bertaux, J.-L., Bertini, I., Besse, S., Bodewits, D., Cremonese, G., Da Deppo, V., Davidsson, B., De Cecco, M., Debei, S., El-Maarry, M.R., Ferri, F., Fornasier, S., Fulle, M., Giacomini, L., Groussin, O., Gutierrez, P.J., Güttler, C., Hviid, S.F., Ip, W.-H., Jorda, L., Knollenberg, J., Kramm, J.-R., Kühr, E., Küppers, M., La Forgia, F., Lara, L.M., Lazzarin, M., Moreno, J.J.L., Magrin, S., Marchi, S., Marzari, F., **Massironi M.**, Michalik, H., Moissl, R., Mottola, S., Naletto, G., Oklay, N., Pajola, M., Pommerol, A., Preusker, F., Sabau, L., Scholten, F., Snodgrass, C., Tubiana, C., Vincent, J.-B., Wenzel, K.-P., (2015). The morphological diversity of comet 67P/Churyumov-Gerasimenko. *Science* 347, 04401-7.
33. Thomas N., Davidsson B., El-Maarry M.R., Fornasier S., Giacomini L., Gracia-Berná A.G., Hviid S.F., Ip W.-H., Jorda L., Keller H.U., Knollenberg J., Kühr E., La Forgia F., Lai I.L., Liao Y., Marschall R., **Massironi M.**, Mottola S., Pajola M., Poch O., Pommerol A., Preusker F., Scholten F., Su C.C., Wu J.S., Vincent J.-B., Sierks H., Barbieri C., Lamy P.L., Rodrigo R., Koschny D., Rickman H., A'Hearn M.F., Barucci M.A., Bertaux J.-L., Bertini I., Cremonese G., Da Deppo V., Debei S., De Cecco M., Fulle M., Groussin O., Gutierrez P.J., Kramm J.-R., Küppers M., Lara L.M., Lazzarin M., Lopez Moreno J.J., Marzari F., Michalik H., Naletto G., Agarwal J., Güttler C., Oklay N., Tubiana C. (2015). Redistribution of particles across the nucleus of comet 67P/Churyumov-Gerasimenko. *ASTRONOMY & ASTROPHYSICS*, vol. 583, p. A17-1-A17-18, ISSN: 0004-6361, doi: 10.1051/0004-6361/201526049
34. Sierks, H., Barbieri, C., Lamy, P.L., Rodrigo, R., Koschny, D., Rickman, H., Keller, H.U., Agarwal, J., A'Hearn, M.F., Angrilli, F., Auger, a.-T., Barucci, M. a., Bertaux, J.-L., Bertini, I., Besse, S., Bodewits, D., Capanna, C., Cremonese, G., Da Deppo, V., Davidsson, B., Debei, S., De Cecco, M., Ferri, F., Fornasier, S., Fulle, M., Gaskell, R., Giacomini, L., Groussin, O., Gutierrez-Marques, P., Gutierrez, P.J., Güttler, C., Hoekzema, N., Hviid, S.F., Ip, W.-H., Jorda, L., Knollenberg, J., Kovacs, G., Kramm, J.R., Kuhrt, E., Kuppers, M., La Forgia, F., Lara, L.M., Lazzarin, M., Leyrat, C., Lopez Moreno, J.J., Magrin, S., Marchi, S., Marzari, F., **Massironi M.**, Michalik, H., Moissl, R.,

- Mottola, S., Naletto, G., Oklay, N., Pajola, M., Pertile, M., Preusker, F., Sabau, L., Scholten, F., Snodgrass, C., Thomas, N., Tubiana, C., Vincent, J.-B., Wenzel, K.-P., Zaccariotto, M., Patzold, M., (2015). On the nucleus structure and activity of comet 67P/Churyumov-Gerasimenko. *Science* 347, 1044-1-5.
35. Simioni E., Pajola M., **Massironi M.**, Cremonese G. (2015). Phobos grooves and impact craters: A stereographic analysis. *ICARUS*, vol. 256, p. 90-100, ISSN: 0019-1035, doi: 10.1016/j.icarus.2015.04.009
  36. Auger A.-T., Groussin O., Jorda L., Bouley S., Gaskell R., Lamy P.L., Capanna C., Thomas N., Pommerol A., Sierks H., Barbieri C., Rodrigo R., Koschny D., Rickman H., Keller H.U., Agarwal J., A'Hearn M.F., Barucci M.A., Bertaux J.-L., Bertini I., Cremonese G., Da Deppo V., Davidsson B., Debei S., De Cecco M., El-Maarry M.R., Fornasier S., Fulle M., Gutiérrez P.J., Güttler C., Hviid S., Ip W.-H., Knollenberg J., Kramm J.-R., Kührt E., Küppers M., La Forgia F., Lara L.M., Lazzarin M., Lopez Moreno J.J., Marchi S., Marzari F., **Massironi M.**, Michalik H., Naletto G., Oklay N., Pajola M., Sabau L., Tubiana C., Vincent J.-B., Wenzel K.-P. (2015). Geomorphology of the Imhotep region on comet 67P/Churyumov-Gerasimenko from OSIRIS observations. *ASTRONOMY & ASTROPHYSICS*, vol. 583, p. A35-1-A35-13, ISSN: 0004-6361, doi: 10.1051/0004-6361/201525947.
  37. Bertini I., Gutierrez P.J., Lara L.M., Marzari F., Moreno F., Pajola M., La Forgia F., Sierks H., Barbieri C., Lamy P., Rodrigo R., Koschny D., Rickman H., Keller H.U., Agarwal J., A'Hearn M.F., Barucci M.A., Bertaux J.-L., Cremonese G., Da Deppo V., Davidsson B., Debei S., De Cecco M., Ferri F., Fornasier S., Fulle M., Giacomini L., Groussin O., Güttler C., Hviid S.F., Ip W.-H., Jorda L., Knollenberg J., Kramm J.R., Kührt E., Kuppers M., Lazzarin M., Lopez Moreno J.J., Magrin S., **Massironi M.**, Michalik H., Mottola S., Naletto G., Oklay N., Thomas N., Tubiana C., Vincent J.-B. (2015). Search for satellites near comet 67P/Churyumov-Gerasimenko using Rosetta/OSIRIS images. *ASTRONOMY & ASTROPHYSICS*, vol. 583, p. A19-1-A19-8, ISSN: 0004-6361, doi: 10.1051/0004-6361/201525979
  38. El-Maarry M.R., Thomas N., Gracia-Berná A., Marschall R., Auger A.-T., Groussin O., Mottola S., Pajola M., **Massironi M.**, Marchi S., Höfner S., Preusker F., Scholten F., Jorda L., Kührt E., Keller H.U., Sierks H., A'Hearn M.F., Barbieri C., Barucci M.A., Bertaux J.-L., Bertini I., Cremonese G., Da Deppo V., Davidsson B., Debei S., De Cecco M., Deller J., Güttler C., Fornasier S., Fulle M., Gutierrez P.J., Hofmann M., Hviid S.F., Ip W.-H., Knollenberg J., Koschny D., Kovacs G., Kramm J.-R., Küppers M., Lamy P.L., Lara L.M., Lazzarin M., Lopez Moreno J.J., Marzari F., Michalik H., Naletto G., Oklay N., Pommerol A., Rickman H., Rodrigo R., Tubiana C., Vincent J.-B. (2015). Fractures on comet 67P/Churyumov-Gerasimenko observed by Rosetta/OSIRIS. *GEOPHYSICAL RESEARCH LETTERS*, vol. 42, p. 5170-5178, ISSN: 0094-8276, doi: 10.1002/2015GL064500.
  39. El-Maarry M.R., Thomas N., Giacomini L., **Massironi M.**, Pajola M., Marschall R., Gracia-Berná A., Sierks H., Barbieri C., Lamy P.L., Rodrigo R., Rickman H., Koschny D., Keller H.U., Agarwal J., A'Hearn M.F., Auger A.-T., Barucci M.A., Bertaux J.-L., Bertini I., Besse S., Bodewits D., Cremonese G., Da Deppo V., Davidsson B., De Cecco M., Debei S., Güttler C., Fornasier S., Fulle M., Groussin O., Gutierrez P.J., Hviid S.F., Ip W.-H., Jorda L., Knollenberg J., Kovacs G., Kramm J.-R., Kührt E., Küppers M., La Forgia F., Lara L.M., Lazzarin M., Lopez Moreno J.J., Marchi S., Marzari F., Michalik H., Naletto G., Oklay N., Pommerol A., Preusker F., Scholten F., Tubiana C., Vincent J.-B. (2015). Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images. *ASTRONOMY & ASTROPHYSICS*, vol. 583, p. A26-1-A26-28, ISSN: 0004-6361, doi: 10.1051/0004-6361/201525723
  40. Groussin O., Jorda L., Auger A.-T., Kührt E., Gaskell R., Capanna C., Scholten F., Preusker F., Lamy P., Hviid S., Knollenberg J., Keller U., Huettig C., Sierks H., Barbieri

- C., Rodrigo R., Koschny D., Rickman H., A'Hearn M.F., Agarwal J., Barucci M.A., Bertaux J.-L., Bertini I., Boudreault S., Cremonese G., Da Deppo V., Davidsson B., Debei S., De Cecco M., El-Maarry M.R., Fornasier S., Fulle M., Gutierrez P.J., Guttler C., Ip W.-H., Kramm J.-R., Koppers M., Lazzarin M., Lara L.M., Lopez Moreno J.J., Marchi S., Marzari F., **Massironi M.**, Michalik H., Naletto G., Oklay N., Pommerol A., Pajola M., Thomas N., Toth I., Tubiana C., Vincent J.-B. (2015). Gravitational slopes, geomorphology, and material strengths of the nucleus of comet 67P/Churyumov-Gerasimenko from OSIRIS observations. *ASTRONOMY & ASTROPHYSICS*, vol. 583, p. A32-1-A32-12, ISSN: 0004-6361, doi: 10.1051/0004-6361/201526379
41. Groussin O., Sierks H., Barbieri C., Lamy P., Rodrigo R., Koschny D., Rickman H., Keller H.U., A'Hearn M.F., Auger A.-T., Barucci M.A., Bertaux J.-L., Bertini I., Besse S., Cremonese G., Da Deppo V., Davidsson B., Debei S., De Cecco M., El-Maarry M.R., Fornasier S., Fulle M., Gutiérrez P.J., Gütler C., Hviid S., Ip W.-H., Jorda L., Knollenberg J., Kovacs G., Kramm J.R., Kührt E., Küppers M., Lara L.M., Lazzarin M., Lopez Moreno J.J., Lowry S., Marchi S., Marzari F., **Massironi M.**, Mottola S., Naletto G., Oklay N., Pajola M., Pommerol A., Thomas N., Toth I., Tubiana C., Vincent J.-B. (2015). Temporal morphological changes in the Imhotep region of comet 67P/Churyumov-Gerasimenko. *ASTRONOMY & ASTROPHYSICS*, vol. 583, p. A36-1-A36-4, ISSN: 0004-6361, doi: 10.1051/0004-6361/201527020.
42. Jean-Baptiste Vincent, Dennis Bodewits, Sébastien Besse, Holger Sierks, Cesare Barbieri, Philippe Lamy, Rafael Rodrigo, Detlef Koschny, Hans Rickman, Horst Uwe Keller, Jessica Agarwal, Michael F. A'Hearn, Anne-Thérèse Auger, M. Antonella Barucci, Jean-Loup Bertaux, Ivano Bertini, Claire Capanna, Gabriele Cremonese, Vania Da Deppo, Björn Davidsson, Stefano Debei, Mariolino De Cecco, Mohamed Ramy El-Maarry, Francesca Ferri, Sonia Fornasier, Marco Fulle, Robert Gaskell, Lorenza Giacomini, Olivier Groussin, Aurélie Guilbert-Lepoutre, P. Gutierrez-Marques, Pedro J. Gutiérrez, Carsten Gütler<sup>1</sup>, Nick Hoekzema, Stubbe F. Hviid, Wing-Huen Ip, Laurent Jorda, Jörg Knollenberg, Gabor Kovacs, Rainer Kramm, Ekkehard Kührt, Michael Küppers, La Forgia F, Luisa M. Lara, Monica Lazzarin, Vicky Lee, Cédric Leyrat, Zhong-Yi Lin, José J. Lopez Moreno, Stephen Lowry, Sara Magrin, Lucie Maquet, Simone Marchi, Francesco Marzari, **Matteo Massironi**, Harald Michalik, Richard Moissl, Stefano Mottola, Giampiero Naletto, Nilda Oklay, Maurizio Pajola Frank Preusker, Frank Scholten, Nicolas Thomas, Imre Toth, Cecilia Tubiana (2015). Active pits formed by sinkhole collapse reveal large heterogeneities in comet 67P. *NATURE*, vol. 523, p. 63-66, ISSN: 0028-0836, doi: 10.1038/nature14564.
43. La Forgia F., Giacomini L., Lazzarin M., **Massironi M.**, Oklay N., Scholten F., Pajola M., Bertini I., Cremonese G., Barbieri C., Naletto G., Simioni E., Preusker F., Thomas N., Sierks H., Lamy P., Rodrigo R., Koschny D., Rickman H., Keller H.U., Agarwal J., Auger A.-T., A'Hearn M.F., Barucci M.A., Bertaux J.-L., Besse S., Bodewits D., Da Deppo V., Davidsson B., Debei S., De Cecco M., El-Maarry M.R., Ferri F., Fornasier S., Fulle M., Groussin O., Gutiérrez P.J., Gütler C., Hall I., Hviid S.F., Ip W.-H., Jorda L., Knollenberg J., Kramm J.R., Kührt E., Küppers M., Lara L.-M., Lopez Moreno J.J., Magrin S., Marzari F., Michalik H., Mottola S., Pommerol A., Tubiana C., Vincent J.-B. (2015). Geomorphology and spectrophotometry of Philae's landing site on comet 67P/Churyumov-Gerasimenko. *ASTRONOMY & ASTROPHYSICS*, vol. 583, p. A41-1-A41-18, ISSN: 0004-6361, doi: 10.1051/0004-6361/201525983.
44. **Massironi Matteo**, Simioni Emanuele, Marzari Francesco, Cremonese Gabriele, Giacomini Lorenza, Pajola Maurizio, Jorda Laurent, Naletto Giampiero, Lowry Stephen, El-Maarry Mohamed Ramy, Preusker Frank, Scholten Frank, Sierks Holger, Barbieri Cesare, Lamy Philippe, Rodrigo Rafael, Koschny Detlef, Rickman Hans, Keller Horst Uwe, A'Hearn Michael F., Agarwal Jessica, Auger Anne-Thérèse, Barucci M. Antonella, Bertaux Jean-Loup, Bertini Ivano, Besse Sebastien, Bodewits Dennis, Capanna Claire, Da Deppo Vania, Davidsson Björn, Debei Stefano, De Cecco Mariolino, Ferri Francesca,

Fornasier Sonia, Fulle Marco, Gaskell Robert, Groussin Olivier, Gutiérrez Pedro J., Güttler Carsten, Hviid Stubbe F., Ip Wing-Huen, Knollenberg Jörg, Kovacs Gabor, Kramm Rainer, Kührt Ekkehard, Küppers Michael, La Forgia Fiorangela, Lara Luisa M., Lazzarin Monica, Lin Zhong-Yi, Moreno José J. Lopez, Magrin Sara, Michalik Harald, Mottola Stefano, Oklay Nilda, Pommerol Antoine, Thomas Nicolas, Tubiana Cecilia, Vincent Jean-Baptiste (2015). Two independent and primitive envelopes of the bilobate nucleus of comet 67P. *NATURE*, vol. 526, p. 402-405, ISSN: 0028-0836, doi: 10.1038/nature15511.

45. Pajola Maurizio, Vincent Jean-Baptiste, Guttler Carsten, Lee Jui-Chi, Bertini Ivano, **Massironi Matteo**, Simioni Emanuele, Marzari Francesco, Giacomini Lorenza, Lucchetti Alice, Barbieri Cesare, Cremonese Gabriele, Naletto Giampiero, Pommerol Antoine, El-Maarry Mohamed R., Besse Sebastien, Kuppers Michael, La Forgia Fiorangela, Lazzarin Monica, Thomas Nicholas, Auger Anne-Therese, Sierks Holger, Lamy Philippe, Rodrigo Rafael, Koschny Detlef, Rickman Hans, Keller Horst U., Agarwal Jessica, A'Hearn Michael F., Barucci Maria A., Bertaux Jean-Loup, Deppo Vania Da, Davidsson Bjorn, De Cecco Mariolino, Debei Stefano, Ferri Francesca, Fornasier Sonia, Fulle Marco, Groussin Olivier, Gutierrez Pedro J., Hviid Stubbe F., Ip Wing-Huen, Jorda Laurent, Knollenberg Jorg, Kramm J.-Rainer, Kurt Ekkehard, Lara Luisa M., Lin Zhong-Yi, Moreno Jose J. Lopez, Magrin Sara, Marchi Simone, Michalik Harald, Moissl Richard, Mottola Stefano, Oklay Nilda, Preusker Frank, Scholten Frank, Tubiana Cecilia (2015). Size-frequency distribution of boulders  $\geq 7$  m on comet 67P/Churyumov-Gerasimenko. *ASTRONOMY & ASTROPHYSICS*, vol. 583, p. A37-1-A37-17, ISSN: 0004-6361, doi: 10.1051/0004-6361/201525975
46. Rickman H., Marchi S., A'Hearn M.F., Barbieri C., El-Maarry M.R., Güttler C., Ip W.-H., Keller H.U., Lamy P., Marzari F., **Massironi M.**, Naletto G., Pajola M., Sierks H., Koschny D., Rodrigo R., Barucci M.A., Bertaux J.-L., Bertini I., Cremonese G., Da Deppo V., Debei S., De Cecco M., Fornasier S., Fulle M., Groussin O., Gutiérrez P.J., Hviid S.F., Jorda L., Knollenberg J., Kramm J.-R., Kührt E., Küppers M., Lara L.M., Lazzarin M., Lopez Moreno J.J., Michalik H., Sabau L., Thomas N., Vincent J.-B., Wenzel K.-P. (2015). Comet 67P/Churyumov-Gerasimenko: Constraints on its origin from OSIRIS observations. *ASTRONOMY & ASTROPHYSICS*, vol. 583, p. A44-1-A44-8, ISSN: 0004-6361, doi: 10.1051/0004-6361/201526093.
47. Thomas N., Davidsson B., El-Maarry M.R., Fornasier S., Giacomini L., Gracia-Berná A.G., Hviid S.F., Ip W.-H., Jorda L., Keller H.U., Knollenberg J., Kührt E., La Forgia F., Lai I.L., Liao Y., Marschall R., **Massironi M.**, Mottola S., Pajola M., Poch O., Pommerol A., Preusker F., Scholten F., Su C.C., Wu J.S., Vincent J.-B., Sierks H., Barbieri C., Lamy P.L., Rodrigo R., Koschny D., Rickman H., A'Hearn M.F., Barucci M.A., Bertaux J.-L., Bertini I., Cremonese G., Da Deppo V., Debei S., De Cecco M., Fulle M., Groussin O., Gutierrez P.J., Kramm J.-R., Küppers M., Lara L.M., Lazzarin M., Lopez Moreno J.J., Marzari F., Michalik H., Naletto G., Agarwal J., Güttler C., Oklay N., Tubiana C. (2015). Redistribution of particles across the nucleus of comet 67P/Churyumov-Gerasimenko. *ASTRONOMY & ASTROPHYSICS*, vol. 583, p. A17-1-A17-18, ISSN: 0004-6361, doi: 10.1051/0004-6361/201526049.
48. Tubiana C., Guttler C., Kovacs G., Bertini I., Bodewits D., Fornasier S., Lara L., La Forgia F., Magrin S., Pajola M., Sierks H., Barbieri C., Lamy P.L., Rodrigo R., Koschny D., Rickman H., Keller H.U., Agarwal J., A'Hearn M.F., Barucci M.A., Bertaux J.-L., Besse S., Boudreault S., Cremonese G., Da Deppo V., Davidsson B., Debei S., De Cecco M., El-Maarry M.R., Fulle M., Groussin O., Gutierrez-Marques P., Gutierrez P.J., Hoekzema N., Hofmann M., Hviid S.F., Ip W.-H., Jorda L., Knollenberg J., Kramm J.-R., Kuhrt E., Kuppers M., Lazzarin M., Lopez Moreno J.J., Marzari F., **Massironi M.**, Michalik H., Moissl R., Naletto G., Oklay N., Scholten F., Shi X., Thomas N., Vincent J.-B. (2015). Scientific assessment of the quality of OSIRIS images. *ASTRONOMY & ASTROPHYSICS*, vol. 583, p. A46-1-A46-9, ISSN: 0004-6361, doi: 10.1051/0004-

49. Lucchetti A., Cremonese G., Jorda L., Poulet F., Bibring J.-P., Pajola M., La Forgia F., **Massironi M.**, El-Maarry M. R., Oklay N., Sierks H., Barbieri C., Lamy P., Rodrigo R., Koschny D., Rickman H., Keller H. U., Agarwal J., A'Hearn M. F., Barucci M. A., Bertaux J.-L., Bertini I., Da Deppo V., Davidsson B., Debei S., De Cecco M., Fornasier S., Fulle M., Groussin O., Gutierrez P. J., Güttler C., Hviid S. F., Ip W.-H., Knollenberg J., Kramm J.-R., Kührt E., Küppers M., Lara L. M., Lazzarin M., Lopez Moreno J. J., Marzari F., Mottola S., Naletto G., Preusker F., Scholten F., Thomas N., Tubiana C., Vincent J.-B. (2016). Characterization of the Abydos region through OSIRIS high-resolution images in support of CIVA measurements. *ASTRONOMY & ASTROPHYSICS*, vol. 585, ISSN: 0004-6361, doi: 10.1051/0004-6361/201527330.
50. Vincent, J.-B., Oklay, N., Pajola, M., Höfner, S., Sierks, H., Hu, X., Barbieri, C., Lamy, P.L., Rodrigo, R., Koschny, D., Rickman, H.i, Keller, H.U., A'Hearn, M.F., Barucci, M.A., Bertaux, J.-L., Bertini, I., Besse, S., Bodewits, D., Cremonese, G., Da Deppo, V., Davidsson, B., Debei, S.q De Cecco, M., El-Maarry, M.R., Fornasier, S.m, Fulle, M., Groussin, O., Gutiérrez, P.J., Gutiérrez-Marquez, P., Güttler, C., Hofmann, M., Hviid, S.F., Ip, W.-H., Jorda, L., Knollenberg, J., Kovacs, G.a, Kramm, J.-R., Kührt, E., Küppers, M., Lara, L.M., Lazzarin, M., Lin, Z.-Y., Lopez Moreno, J.J.u, Lowry, S.z, Marzari, F.d, **Massironi, M.**, Moreno, F., Mottola, S., Naletto, G., Preusker, F., Scholten, F., Shi, X., Thomas, N., Toth, I., Tubiana, C. Are fractured cliffs the source of cometary dust jets? Insights from OSIRIS/Rosetta at 67P/Churyumov-Gerasimenko. *ASTRONOMY & ASTROPHYSICS*, vol. 587, ISSN: 00046361, doi: 10.1051/0004-6361/201527159

### Geological maps

1. De Giusti F., Dal Piaz G. V., **Massironi M.**, Schiavo A. (2003). Carta Geotettonica della Valle d'Aosta. *MEMORIE DI SCIENZE GEOLOGICHE*, vol. 55; p. 129-149.
2. Bistacchi A., Dal Piaz G. V., Dal Piaz G., **Massironi M.**, Monopoli B., Schiavo A. (2003). Carta Geologica e note illustrative del transetto val di Vizze-Fortezza (Alpi Orientali). *MEMORIE DI SCIENZE GEOLOGICHE*, 55; 169-189.
3. Martin S, Fellin G, **Massironi M.**, Surian N, Tommasi L, Cocco S (2004). Recent surface tectonics in a Paleozoic deeply-exhumed basement: The Bresimo valley (western Trentino). In: PASQUARE' G., VENTURINI C., GROPELLI G.. Mapping geology in Italy. 273-278.
4. **Massironi M.**, Moratti G, Algouti Ah, Benvenuti M, Dal Piaz G.V, Eddebbe A, El Boukhari A, Laftouhi N, Ouanaïmi H, Schiavo A, Taj-Eddine K, Vison D. et al. (2007). Carte Géologique du Maroc au 1/50 000, feuille Boumalne - Notice explicative.Serv. Géol. Maroc., vol. 521bis
5. Schiavo A, Taj-Eddine K, Algouti Ah, Benvenuti M, Dal Piaz G.V, Eddebbe A, El Boukhari A, Laftouhi N, **Massironi M.**, Moratti G, Ouanaïmi H, Pasquar G, Visona' D. Et Al (2007). Carte Géologique du Maroc au 1/50 000, feuille Imtir - Notice explicative.Serv. Géol. Maroc., vol. 518bis
6. Dal Piaz G.V, Malusa' M, Eddebbe A, El Boukhari A, Ellero A, Laftouhi N, **Massironi M.**, Ouanaïmi H, Pertusati P.C, Polino R, Schiavo A, Taj-Eddine K, Visona' D. et al. (2007). Carte Géologique du Maroc au 1/50 000, feuille Taghazout - Notice explicative.Serv. Géol. Maroc., vol. 519bis
7. El Boukhari A, Musumeci G, Algouti Ab, Cerrina Feroni A, Ghiselli F, Ottria G, Ouanaïmi H, Pertusati P.C, **Massironi M.** (2007). Carte Géologique du Maroc au 1/50 000, feuille

Imi n'Ouzrou - Notice explicative.Serv. Géol. Maroc., vol. 517bis

8. El Boukhari A, Ottria G, Algouti Ab, Cerrina Feroni A, Dal Piaz G.V, Ellero A, Ghiselli F, Malusà M, **Massironi M.**, Musumeci G, Ouanaïmi H, Pertusati P.C, Schiavo A, Taj-Eddine K. Et Al (2007). Carte Géologique du Maroc au 1/50 000, feuille Taroucht - Notice explicative.Serv. Géol. Maroc, vol. 520 bis
9. **Massironi M.**, Preto N., Zampieri D. (2007). Carta geologica della Provincia di Trento scala 1:25000 con note illustrative: Tavola 45 III S.Martino di Castrozza. TRENTO: Provincia Autonoma di Trento, pp. 84.
10. Dal Piaz G.V., Gianotti F., Monopoli B., Pennacchioni G., Tartarotti P., Schiavo A., Carraro F; Bistacchi A.; **Massironi M.**; Martin S., Ratto S. (2010). Carta Geologica d'Italia - Foglio 91 Chatillon 1:50.000. ISPRA - Servizio Geologico d'Italia.
11. Gramigna P., Franceschi M., Gattolin G., Preto N., **Massironi M.**, Riva A., Viseur S., (2013). Geological map of the Middle Triassic Latemar platform (Western Dolomites, Northern Italy), *Journal of Maps*, 9:2, 313-324.
12. Bondesan A., Furlani S., Vergara M.N., **Massironi M.**, Francese R., (2013). Geomorphology of the El Alamein Battlefield (Southern Front, Egypt). *Journal of Maps*, 9:4, 532-541.
13. Schiavo A., Dal Piaz G.V., Monopoli B., Bistacchi B., Dal Piaz G., **Massironi M.**, Toffolon G. (2015). Geology of the Brenner Pass-Fortezza transect, Italian Eastern Alps. *Journal of Maps*, 11:1, 201-215.
14. Dal Piaz G.V., Bistacchi A., Gianotti F., Monopoli B., Passeri L. et al. con rilievi **Massironi M.** (2015). Carta Geologica d'Italia - Foglio 70 Cervino 1:50.000. ISPRA - Servizio Geologico d'Italia.
15. Traforti A., **Massironi M.**, Zampieri D.(2015). Geo-structural map of the Laguna Blanca basin (Southern Central Andes, Catamarca, Argentina). *JOURNAL OF MAPS*, p. 1-12, ISSN: 1744-5647, doi: 10.1080/17445647.2015.1035557

## Field Guides

1. Martin S, Polino R, Bistacchi, A, **Massironi M.**, Zattin M, Piana F, Perello P, Gianotti F, Guermani A, Fugenschuh B (1999). Exhumation of the Alpine nappe stack. *MEMORIE DI SCIENZE GEOLOGICHE*, 51; 483-515.
2. Ghirotti M., Masetti D., **Massironi M.**, Oddone E., Sapigni M., Zampieri D., Wolter A. (2013). The 1963 Vajont landslide (NorthEast Alps, Italy) Post-conference Field Trip (October 10<sup>th</sup>, 2013). *ITALIAN JOURNAL OF ENGINEERING GEOLOGY AND ENVIRONMENT*, volume 2013, 635-646.

## Encyclopaedia entries

1. **Massironi M.**, Byrne Paul K., Van der Bogert C. H. (2015). Lobate Scarp in *Encyclopaedia of Planetary Landforms* (Hargitai H. and Kereszturi A., eds.), Springer, 1260-1267
2. **Massironi M.**, Byrne P.K., (2015). High-Relief Ridge in *Encyclopaedia of Planetary Landforms* (Hargitai H. and Kereszturi A., eds.), Springer, 934-937
3. **Massiron M.**, Kim Y-S., (2015). Strike-Slip Faults in *Encyclopaedia of Planetary Landforms* (Hargitai H. and Kereszturi A., eds.), Springer, 2074-2083.

