

REFERRED PUBLICATIONS
 (99)

- R1. **Pajola, M.**, Lee, J.-C., Ockay, N., Hviid, S.F., Penasa, L., Mottola, et al. (2019). Multidisciplinary analysis of the Hapi region located on Comet 67P/Churyumov-Gerasimenko, *Monthly Notices of the Royal Astronomical Society*, 485, 2139-2154. <https://academic.oup.com/mnras/article/485/2/2139/5371141>
- R2. **Pajola, M.**, Pozzobon, R., Lucchetti, A., Rossato, S., Baratti, E., Galluzzi, V., Cremonese, G. (2019). Abundance and size-frequency distribution of boulders in Linnè crater's ejecta (Moon), *Planetary and Space Science*, 165, 99-109. <https://www.sciencedirect.com/science/article/pii/S0032063318302605>
- R3. **Pajola, M.**, Roush, T., Dalle Ore, C., Marzo, G.A., Simioni, E. (2018). Phobos MRO/CRISM visible and near-infrared (0.5-2.5 micron) spectral modeling, *Planetary and Space Science*, 154, 63-71. <https://www.sciencedirect.com/science/article/pii/S0032063317303379>
- R4. **Pajola, M.**, Lucchetti, A., Fulle, M., Mottola, S., Hamm, M., Da Deppo, V., et al. (2017). The pebbles/boulders size distributions on Sais: Rosetta's final landing site on comet 67P/Churyumov-Gerasimenko, *Monthly Notices of the Royal Astronomical Society*, 471, 680-689. <https://academic.oup.com/mnras/article/471/1/680/3896162/The-pebbles-boulders-size-distributions-on-Sais>
- R5. **Pajola, M.**, Rossato, S., Baratti, E., Pozzobon, R., Quantin, C., Carter, J., Tholot, P. (2017). Boulder abundances and size-frequency distributions on Oxia Planum-Mars: Scientific implications for the 2020 ESA ExoMars rover, *Icarus*, 292, 73-90. <http://www.sciencedirect.com/science/article/pii/S0019103516302779?via%3Dihub>
- R6. **Pajola, M.**, Höfner, S., Vincent, J.B., Ockay, N., Scholten, F., Preusker, F., et al. (2017). The pristine interior of comet 67P revealed by the combined Aswan outburst and cliff collapse, *Nature Astronomy*, 1, 0092, 1-8. (Nature Astronomy Cover May 2017). <https://www.nature.com/articles/s41550-017-0092>
- R7. **Pajola, M.**, Mottola, S., Hamm, M., Fulle, M., Davidsson, B., Güttler, C., et al. (2016). The Agilkia boulders/pebbles size-frequency distributions: OSIRIS and ROLIS joint observations of 67P surface, *Monthly Notices of the Royal Astronomical Society*, 462, 242-252. <https://academic.oup.com/mnras/article-lookup/doi/10.1093/mnras/stw2720>
- R8. **Pajola, M.**, Rossato, S., Carter, J., Baratti, E., Pozzobon, R., Erculiani, M. S., Coradini, M., McBride, K. (2016). Eridania Basin: an ancient paleolake floor as the next landing site for the Mars 2020 rover, *Icarus*, 275, 163-182. <http://www.sciencedirect.com/science/article/pii/S0019103516300331?via%3Dihub>
- R9. **Pajola, M.**, Ockay, N., La Forgia F., Giacomini, L., Massironi, M., Bertini I., et al. (2016). The Aswan site on comet 67P: geomorphology, boulder evolution and spectrophotometry. *Astronomy & Astrophysics*, 592, A69. <https://www.aanda.org/articles/aa/abs/2016/08/aa27865-15/aa27865-15.html>
- R10. **Pajola, M.**, Lucchetti, A., Vincent, J.-B., Ockay, N., El-Maarry, M. R., Bertini, I., et al. (2016). The southern hemisphere of 67P/Churyumov-Gerasimenko: Analysis of the preperihelion size-frequency distribution of boulders > 7 m. *Astronomy & Astrophysics*, 592, L2. <https://www.aanda.org/articles/aa/abs/2016/08/aa28887-16/aa28887-16.html>
- R11. **Pajola, M.**, Rossato, S., Baratti, E., Mangili, C., Mancarella, F., McBride, K., Coradini, M. (2016). The Simud-Tiu valles hydrologic system: A multidisciplinary study of a possible site for future Mars on-site exploration. *Icarus*, 268, 355-381. <http://www.sciencedirect.com/science/article/pii/S0019103516000038?via%3Dihub>
- R12. **Pajola, M.**, Lucchetti, A., Bertini, I., Marzari, F., A'Hearn, M. F., La Forgia, F., et al. (2016). Size-frequency distribution of boulders > 10 m on comet 103P/Hartley 2. *Astronomy & Astrophysics*, 585, A85. <https://www.aanda.org/articles/aa/abs/2016/01/aa26834-15/aa26834-15.html>
- R13. **Pajola, M.**, Vincent, J.-B., Güttler, C., Lee, J.-C., Bertini, I., Massironi, M., et al. (2015). Size-frequency distribution of boulders > 7 m on comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*, 583, A37. <https://www.aanda.org/articles/aa/abs/2015/11/aa25975-15/aa25975-15.html>
- R14. **Pajola, M.**, Lazzarin, M., Dalle Ore, C., Cruikshank, D., Roush, T., Magrin, S., et al. (2013). Phobos as a D-type captured asteroid, spectral modeling from 0.25 to 4.0 micron. *The Astrophysical Journal*, 777(2), 127. <http://iopscience.iop.org/article/10.1088/0004-637X/777/2/127/meta>
- R15. **Pajola, M.**, Lazzarin, M., Bertini, I., Marzari, F., Turrini, D., Magrin, S., et al. (2012). Spectrophotometric investigation of Phobos with the Rosetta OSIRIS-NAC camera, implications for its collisional capture.

- Monthly Notices of the Royal Astronomical Society, 427(4), 3230-3243.
<https://academic.oup.com/mnras/article-lookup/doi/10.1111/j.1365-2966.2012.22026.x>
- R16. Lucchetti, A., **Pajola, M.**, Galluzzi, V., Giacomini, L., Carli, C., Cremonese, G., et al. (2018). Mercury hollows as remnants of original bedrock materials and devolatilization processes: a spectral clustering and geomorphological analysis. *Journal of Geophysical Research: Planets*, 123 (9), 2365-2379.
<https://doi.org/10.1029/2018JE005722>
- R17. Lucchetti, A., **Pajola, M.**, Fornasier, S., Mottola, S., Penasa, L., Jorda, L., et al. (2017). Geomorphological and spectrophotometric analysis of Seth's circular niches on comet 67P/Churyumov-Gerasimenko using OSIRIS images, *Monthly Notices of the Royal Astronomical Society*, 469, S238-S251.
https://academic.oup.com/mnras/article/469/Suppl_2/S238/3885946/Geomorphological-and-spectrophotometric-analysis?searchresult=1
- R18. Baratti, E., **Pajola, M.**, Rossato, S., Mangili, C., Coradini, M., Montanari, A. et al. (2015). Hydraulic modeling of the tributary, the outlet of a Martian paleolake located in the Memnonia quadrangle. *Journal of Geophysical Research: Planets*, 120(10), 1597-1619.
<http://onlinelibrary.wiley.com/doi/10.1002/2015JE004812/abstract>
- R19. Simioni, E., **Pajola, M.**, Massironi, M., Cremonese, G. (2015). Phobos grooves, impact craters: A stereographic analysis. *Icarus*, 256, 90-100.
<http://www.sciencedirect.com/science/article/pii/S001910351500144X?via%3Dihub>
- R20. Ookay, N., Sunshine, J.M., **Pajola, M.** et al. (2016). Comparative study of water ice exposures on cometary nuclei using multispectral imaging data. *Monthly Notices of the Royal Astronomical Society*, 462, 394-414.
<https://academic.oup.com/mnras/article-lookup/doi/10.1093/mnras/stw2918>
- R21. Vincent, J-B., Ookay, N., **Pajola, M.** et al. (2016). Are fractured cliffs the source of cometary dust jets? insights from OSIRIS/Rosetta at 67P/Churyumov-Gerasimenko. *Astronomy and Astrophysics*, 587, A14-15.
<https://www.aanda.org/articles/aa/abs/2016/03/aa27159-15/aa27159-15.html>
- R22. Magrin, S., La Forgia, F., **Pajola, M.** et al. (2012). (21) Lutetia spectrophotometry from Rosetta-OSIRIS images, comparison to ground-based observations. *Planetary, Space Science*, 66(1), 43-53.
<http://www.sciencedirect.com/science/article/pii/S0032063311003023?via%3Dihub>
- R23. Massironi, M., Marchi, S., **Pajola, M.** et al. (2012). Geological map, stratigraphy of asteroid 21 Lutetia. *Planetary, Space Science*, 66(1), 125-136.
<http://www.sciencedirect.com/science/article/pii/S0032063312000037?via%3Dihub>
- R24. Ookay, N., Mottola, S., Vincent, J.B., **Pajola, M.** et al. (2017). Long-term survival of surface water ice on comet 67P. *Monthly Notices of the Royal Astronomical Society*, 469, 582-597. (*Astronomy & Astrophysics* Cover February 2016). https://academic.oup.com/mnras/article/469/Suppl_2/S582/4111159
- R25. El-Maarry, M.R., Thomas, N., Groussin, O., **Pajola, M.** et al. (2017). Surface changes on comet 67P/Churyumov-Gerasimenko suggest a more active past. *Science*, 355, Issue 6332, 1392-1395.
<http://science.sciencemag.org/content/355/6332/1392>
- R26. El-Maarry, M.R., Thomas, N., Gracia-Bernà, A., M., **Pajola, M.** et al. (2016). Regional surface morphology of comet 67P from Rosetta/OSIRIS images: The southern hemisphere. *Astronomy & Astrophysics*, 593, A110.
<https://www.aanda.org/articles/aa/abs/2016/09/aa28634-16/aa28634-16.html>
- R27. Ookay, N., Vincent, J-B., Fornasier, S., **Pajola, M.** et al. (2016). Variegation of comet 67P/Churyumov-Gerasimenko in regions showing activity. *Astronomy, Astrophysics*, 586, A80.
<https://www.aanda.org/articles/aa/abs/2016/02/aa27369-15/aa27369-15.html>
- R28. Pommerol, A., Thomas, N., El-Maarry, M.R., **Pajola, M.** et al. (2015). OSIRIS observations of meter-sized exposures of H₂O ice at the surface of 67P/Churyumov-Gerasimenko, interpretation using laboratory experiments. *Astronomy & Astrophysics*, 583, A25. <https://www.aanda.org/articles/aa/abs/2015/11/aa25977-15/aa25977-15.html>
- R29. Cambianica, P., Cremonese, G., Naletto, G., Lucchetti, A., **Pajola, M.** et al. (2019). Quantitative analysis of isolated boulder fields on comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*, **in press**.
- R30. Giacomini, L., Massironi, M., El-Maarry, M.R., Penasa, L., **Pajola, M.** et al. (2016). Geologic mapping of the Comet 67P/Churyumov-Gerasimenko's Northern Hemisphere. *Monthly Notices of the Royal Astronomical Society*, 462, 352-367. <https://academic.oup.com/mnras/article-lookup/doi/10.1093/mnras/stw2848>

- R31. Vincent, J.B., A'Hearn, M.F., Lin, Z.-Y., El-Maarry, M.R., **Pajola, M.** et al. (2016). Summer fireworks on comet 67P. *Monthly Notices of the Royal Astronomical Society*, 462, 184-194. <https://academic.oup.com/mnras/article-lookup/doi/10.1093/mnras/stw2409>
- R32. Davidsson, B., Sierks, H., Güttler, C., Marzari, F., **Pajola, M.** et al. (2016). The primordial nucleus of comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*, 592, A63. <https://www.aanda.org/articles/aa/abs/2016/08/aa26968-15/aa26968-15.html>
- R33. Ockay, N., Vincent, J.-B., Sierks, H., Besse, S., **Pajola, M.** et al. (2015). Characterization of OSIRIS NAC filters for the interpretation of multispectral data of comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*, 583, A45. <https://www.aanda.org/articles/aa/abs/2015/11/aa25994-15/aa25994-15.html>
- R34. El-Maarry, M.R., Thomas, N., Giacomini, L., Massironi, M., **Pajola, M.** et al. (2015). Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images. *Astronomy & Astrophysics*, 583, A26. <https://www.aanda.org/articles/aa/abs/2015/11/aa25723-15/aa25723-15.html>
- R35. Penasa, L., Massironi, M., Naletto, G., Simioni, E., Ferrari, S., **Pajola, M.** et al. (2017). A three dimensional modelling of the layered structure of comet 67P/Churyumov-Gerasimenko. *Monthly Notices of the Royal Astronomical Society*, 469, 741-754. https://academic.oup.com/mnras/article/469/Suppl_2/S741/4622963
- R36. Lucchetti, A., Cremonese, G., Jorda, L., Poulet, F., Bibring, J.P., **Pajola, M.** et al. (2016). Characterization of the Abydos region through OSIRIS high-resolution images in support of CIVA measurements. *Astronomy & Astrophysics*, 585, L1. <https://www.aanda.org/articles/aa/abs/2016/01/aa27330-15/aa27330-15.html>
- R37. Cremonese, G., Simioni, E., Ragazzoni, R., Bertini, I., La Forgia, F., **Pajola, M.** et al. (2016). Photometry of dust grains of comet 67P and connection with nucleus regions. *Astronomy & Astrophysics*, 588, A59. <https://www.aanda.org/articles/aa/abs/2016/04/aa27307-15/aa27307-15.html>
- R38. Massironi, M., Simioni, E., Marzari, F., Cremonese, G., Giacomini, L., **Pajola, M.** et al. (2015). Two independent, primitive envelopes of the bilobate nucleus of comet 67P. *Nature*, 526(7573), 402-405. <https://www.nature.com/nature/journal/v526/n7573/full/nature15511.html>
- R39. Bertini, I., Gutierrez, P.J., Lara, L.M., Marzari, F., Moreno, F., **Pajola, M.** et al. (2015). Search for satellites near comet 67P/Churyumov-Gerasimenko using Rosetta/OSIRIS images. *Astronomy & Astrophysics*, 583, A19. <http://www.sciencedirect.com/science/article/pii/S0032063311003953?via%3Dihub>
- R40. El-Maarry, M.R., Groussin, O., Keller, H.U., Thomas, N., Vincent, J.-B., Mottola, S., **Pajola, M.** et al. (2019). Surface morphology of comets and associated evolutionary processes: A review of Rosetta's observations of 67P/Churyumov-Gerasimenko. *Space Science Reviews*, **in press**.
- R41. La Forgia, F., Giacomini, L., Lazzarin, M., Massironi, M., Ockay, N., Scholten, F., **Pajola, M.** et al. (2015). Geomorphology, spectrophotometry of Philae's landing site on comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*, 583, A41. <https://www.aanda.org/articles/aa/abs/2015/11/aa25983-15/aa25983-15.html>
- R42. Magrin, S., La Forgia, F., Da Deppo, V., Lazzarin, M., Bertini, I., Ferri, F., **Pajola, M.** et al. (2015). Pre-hibernation performances of the OSIRIS cameras onboard the Rosetta spacecraft. *Astronomy & Astrophysics*, 574, A123. <https://www.aanda.org/articles/aa/abs/2015/02/aa23830-14/aa23830-14.html>
- R43. Deshapriya, J.D.P., Barucci, M.A., Fornasier, S., Hasselmann, P.H., Feller, C., Sierks, H., Lucchetti, A., **Pajola, M.** et al. (2018). Exposed bright features on the comet 67P/Churyumov-Gerasimenko: Distribution and evolution. *Astronomy & Astrophysics*, 613, A36. <https://www.aanda.org/articles/aa/abs/2018/05/aa32112-17/aa32112-17.html>
- R44. Lee, J.-C., Massironi, M., Ip, W.-H., Giacomini, L., Ferrari, S., Penasa, L., El-Maarry, M.R., **Pajola, M.** et al. (2016). Geomorphological mapping of comet 67P/Churyumov-Gerasimenko's southern hemisphere. *Monthly Notices of the Royal Astronomical Society*, 462, 573-592. <https://academic.oup.com/mnras/article-lookup/doi/10.1093/mnras/stx450>
- R45. Knollenberg, J., Lin, Z. Y., Hviid, S. F., Ockay, N., Vincent, J.-B., Bodewits, D., Mottola, S., **Pajola, M.** et al. (2016). A mini outburst from the nightside of comet 67P/Churyumov-Gerasimenko observed by the OSIRIS camera on Rosetta. *Astronomy & Astrophysics*, 596, A89. <https://www.aanda.org/articles/aa/abs/2016/12/aa27744-15/aa27744-15.html>

- R46. Deshapriya, J.D.P., Barucci, M.A., Fornasier, S., Feller, C., Hasselmann, P.H., Sierks, H., El-Maarry, M.R., **Pajola, M.** et al. (2016). Spectrophotometry of the Khonsu region on comet 67P/Churyumov-Gerasimenko using OSIRIS instrument images. *Monthly Notices of the Royal Astronomical Society*, 462, 274-286. <https://academic.oup.com/mnras/article-lookup/doi/10.1093/mnras/stw2530>
- R47. Keller, H.U., Mottola, S., Davidsson, B., Schoder, S.E., Skorov, Y., Kührt, E., Groussin, O., **Pajola, M.** et al. (2015). Insolation, erosion, morphology of comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*, 583, A34. <https://www.aanda.org/articles/aa/abs/2015/11/aa25964-15/aa25964-15.html>
- R48. El-Maarry, M.R., Thomas, N., Gracia-Berna, A., Marschall, R., Auger, A-T., Groussin, O., Mottola, S., **Pajola, M.** et al. (2015). Fractures on comet 67P/Churyumov-Gerasimenko observed by Rosetta/OSIRIS. *Geophysical Research Letters*, 42(13), 5170-5178. <http://onlinelibrary.wiley.com/doi/10.1002/2015GL064500/abstract>
- R49. Bertini, I., Sabolo, W., Gutierrez, P.J., Marzari, F., Snodgrass, C., Tubiana, C., Moissl, R., **Pajola, M.** et al. (2012). Search for satellites near (21) Lutetia using OSIRIS/Rosetta images. *Planetary, Space Science*, 66(1), 64-70. <https://www.aanda.org/articles/aa/abs/2015/11/aa25979-15/aa25979-15.html>
- R50. Preusker, F., Scholten, F., Matz, K.-D., Roatsch, T., Hviid, S.F., Mottola, S., Knollenberg, J., Kührt, E., **Pajola, M.** et al. (2017). The global meter-level shape model of comet 67P/Churyumov-Gerasimenko. *Astronomy, Astrophysics*, 607, L1. <https://www.aanda.org/articles/aa/abs/2017/11/aa31798-17/aa31798-17.html>
- R51. Bertini, I., La Forgia, F., Tubiana, C., Güttler, C., Fulle, M., Moreno, F., Frattin, E., Kovacs, G., **Pajola, M.** et al. (2017). The Scattering Phase Function of comet 67P/Churyumov-Gerasimenko coma as seen from the Rosetta/OSIRIS instrument. *Monthly Notices of the Royal Astronomical Society*, 469, S404-S415. https://academic.oup.com/mnras/article/469/Suppl_2/S404/4004752
- R52. Tognon, G., Ferrari, S., Penasa, L., La Forgia, F., Massironi, M., Naletto, G., Lazzarin, M., Cambianica, P., Lucchetti, A., **Pajola, M.**, et al. (2019). Spectrophotometric variegation of the layering in comet 67P/Churyumov-Gerasimenko as seen by OSIRIS. *Astronomy & Astrophysics*, **in press**.
- R53. Orosei, R., Lauro, S.E., Pettinelli, E., Cicchetti, A., Coradini, M., Cosciotti, B., Di Paolo, F., Flamini, E., Mattei, E., **Pajola, M.**, et al. (2018). Radar evidence of subglacial liquid water on Mars. *Science*, 361, 6401, 490-493. <http://science.sciencemag.org/content/361/6401/490>
- R54. Ferrari, S., Penasa, L., La Forgia, F., Massironi, M., Naletto, G., Lazzarin, M., Fornasier, S., Hasselmann, P.H., Lucchetti, A., **Pajola, M.**, et al. (2018). The big lobe of 67P/Churyumov-Gerasimenko comet: morphological and spectrophotometric evidences of layering as from OSIRIS data. *Monthly Notices of the Royal Astronomical Society*, 479, 1555-1568. <https://academic.oup.com/mnras/article/479/2/1555/5042950>
- R55. Höfner, S., Vincent, J.B., Blum, J., Davidsson, B., Sierks, H., El-Maarry, M.R., Deller, J., Hofmann, M., Hu, X., **Pajola, M.**, et al. (2017). Thermophysics of fractures on comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*, 608, A121. <https://www.aanda.org/articles/aa/abs/2017/12/aa28726-16/aa28726-16.html>
- R56. Shi, X, Hu, X, Sierks, H, Guttler, C, A'Hearn, M, Blum, J, El-Maarry, M.R., Kuhrt, E, Mottola, S, **Pajola, M.**, et al. (2016). Sunset jets observed on comet 67P/Churyumov-Gerasimenko sustained by subsurface thermal lag. *Astronomy & Astrophysics*, 586, A7-13. <https://www.aanda.org/articles/aa/abs/2016/02/aa27123-15/aa27123-15.html>
- R57. Tubiana, C., Guttler, C., Kovacs, G., Bertini, I., Bodewits, D., Fornasier, S., Lara, L., La Forgia, F., Magrin, S., **Pajola, M.**, et al. (2015). Scientific assessment of the quality of OSIRIS images. *Astronomy & Astrophysics*, 583, A46. <https://www.aanda.org/articles/aa/abs/2015/11/aa25985-15/aa25985-15.html>
- R58. Walsh, K.J., et al., incl. **Pajola, M.** (2019). Craters, boulders and regolith of (101955) Bennu indicative of an old and dynamic surface. *Nature Geoscience*, 12, 242-246. <https://www.nature.com/articles/s41561-019-0326-6>
- R59. DellaGiustina, D., et al., incl. **Pajola, M.** (2019). Properties of rubble-pile asteroid (101955) Bennu from OSIRIS-REx imaging and thermal analysis. *Nature Astronomy*, 3, 341-351. <https://www.nature.com/articles/s41550-019-0731-1>
- R60. Feller, C., et al., incl. **Pajola, M.** (2019). Rosetta/OSIRIS observations of the 67P's nucleus during the April 2016 flyby: high-resolution spectrophotometry, *Astronomy and Astrophysics*, **in press**.

- R61. Matonti, S., et al., incl. **Pajola, M.** (2019). Bilobate comet morphology and internal structure controlled by shear deformation. *Nature geoscience*, 12, 157-162. <https://www.nature.com/articles/s41561-019-0307-9>
- R62. Fornasier, S., et al., incl. **Pajola, M.** (2019). Surface evolution of the Anhur region on comet 67P from high-resolution OSIRIS images. *Astronomy and Astrophysics*, **in press**.
- R63. Fornasier, S., et al., incl. **Pajola, M.** (2019). Linking surface morphology, composition, and activity on the nucleus of 67P/Churyumov-Gerasimenko. *Astronomy and Astrophysics*, **in press**.
- R64. Bertini, I., et al., incl. **Pajola, M.** (2019). The backscattering ratio of comet 67P/Churyumov-Gerasimenko dust coma as seen by OSIRIS onboard Rosetta. *Monthly Notices of the Royal Astronomical Society*, 482, Issue 3, 2924-2933. <https://academic.oup.com/mnras/article/482/3/2924/5142315>
- R65. Shi, X. et al., incl. Pajola, M. (2018). Coma morphology of comet 67P controlled by insolation over irregular nucleus. *Nature Astronomy*, 2, 562-567. <https://www.nature.com/articles/s41550-018-0481-5>
- R66. Fornasier, S. et al., incl. Pajola, M. (2016). Rosetta's comet 67P sheds its dusty mantle to reveal its icy nature. *Science*, 354, 6319, 1566-1570. <http://science.sciencemaq.org/content/354/6319/1566>
- R67. Sierks, H. et al., incl. **Pajola, M.** (2015). On the nucleus structure, activity of comet 67P/Churyumov-Gerasimenko. *Science*, 347(6220), aaa1044. (Science Cover 23 January 2015). <http://science.sciencemaq.org/content/347/6220/aaa1044>
- R68. Vincent, J-B., et al., incl. **Pajola, M.** (2015). Large heterogeneities in comet 67P as revealed by active pits from sinkhole collapse. *Nature*, 523 (7558), 63-66. <https://www.nature.com/nature/journal/v523/n7558/full/nature14564.html>
- R69. Thomas, N. et al., incl. **Pajola, M.** (2015). The morphological diversity of comet 67P/Churyumov-Gerasimenko. *Science*, 347(6220), aaa0440. <http://science.sciencemaq.org/content/347/6220/aaa0440>
- R70. Attree, N. et al., incl. **Pajola, M.** (2018). Tensile strength of 67P/Churyumov-Gerasimenko nucleus material from overhangs. *Astronomy & Astrophysics*, 611, A33. <https://www.aanda.org/articles/aa/abs/2018/03/aa32155-17/aa32155-17.html>
- R71. Hu, X. et al., incl. **Pajola, M.** (2017). Seasonal erosion and restoration of the dust cover on comet 67P/Churyumov-Gerasimenko as observed by OSIRIS onboard Rosetta. *Astronomy & Astrophysics*, 604, A114. <https://www.aanda.org/articles/aa/abs/2017/08/aa29910-16/aa29910-16.html>
- R72. Tornabene, L.L. et al., incl. **Pajola, M.** (2017). Image simulation and assessment of the colour and spatial capabilities of the Colour and Stereo Surface Imaging System (CaSSIS) on the ExoMars Trace Gas Orbiter. *Space Science Reviews*, 214 (1), 61 pp. <https://link.springer.com/article/10.1007%2Fs11214-017-0436-7>
- R73. Agarwal, J. et al., incl. **Pajola, M.** (2017). Evidence of sub-surface energy storage in comet 67P from the outburst of 2016 July 03. *Monthly Notices of the Royal Astronomical Society*, 469, S606-S625. https://academic.oup.com/mnras/article/469/Suppl_2/s606/4565550
- R74. Fornasier, S. et al., incl. **Pajola, M.** (2017). The highly active Anhur-Bes regions in the 67P/Churyumov-Gerasimenko comet: results from OSIRIS/Rosetta observations. *Monthly Notices of the Royal Astronomical Society*, 469, S93-S107. https://academic.oup.com/mnras/article/469/Suppl_2/S93/3852302/The-highly-active-Anhur-Bes-regions-in-the-67P
- R75. Vincent, J.B. et al., incl. **Pajola, M.** (2017). Constraints on cometary surface evolution derived from a statistical analysis of 67P's topography. *Monthly Notices of the Royal Astronomical Society*, 469, S329-S338. https://academic.oup.com/mnras/article/469/Suppl_2/S329/3930861
- R76. Guttler, C. et al., incl. **Pajola, M.** (2017). Characterization of dust aggregates in the vicinity of the Rosetta spacecraft. *Monthly Notices of the Royal Astronomical Society*, 469, S312-S320. https://academic.oup.com/mnras/article/469/Suppl_2/S312/4060705/Characterization-of-dust-aggregates-in-the
- R77. Frattin, E. et al., incl. **Pajola, M.** (2017). Post-perihelion photometry of dust grains in the coma of 67P/Churyumov-Gerasimenko. *Monthly Notices of the Royal Astronomical Society*, 469, S195-S203. https://academic.oup.com/mnras/article/469/Suppl_2/S195/3865144/Post-perihelion-photometry-of-dust-grains-in-the?searchresult=1

- R78. Hu, X. et al., incl. **Pajola, M.** (2017). Thermal modeling of water activity on Comet 67P/Churyumov-Gerasimenko with global dust mantle and plural dust-to-ice ratio, *Monthly Notices of the Royal Astronomical Society*, 469, S295-S311. https://academic.oup.com/mnras/article/469/Suppl_2/S295/3892363/Thermal-modelling-of-water-activity-on-comet-67P?searchresult=1
- R79. Ott, T. et al., incl. **Pajola, M.** (2017). Dust mass distribution around Comet 67P/Churyumov-Gerasimenko determined via parallax measurements using Rosetta's OSIRIS cameras. *Monthly Notices of the Royal Astronomical Society*, 469, S276-S284. https://academic.oup.com/mnras/article/469/Suppl_2/S276/3865995/Dust-mass-distribution-around-comet-67P-Churyumov?searchresult=1
- R80. Gicquel, A. et al., incl. **Pajola, M.** (2017). Modelling of the outburst on July 29th, 2015 observed with OSIRIS cameras in the southern hemisphere of comet 67P/Churyumov-Gerasimenko. *Monthly Notices of the Royal Astronomical Society*, 469, S178-S185. https://academic.oup.com/mnras/article-abstract/469/Suppl_2/S178/3865969/Modelling-of-the-outburst-on-2015-July-29-observed?redirectedFrom=fulltext
- R81. Keller, H.U. et al., incl. **Pajola, M.** (2017). Seasonal Mass Transfer on the nucleus of comet 67P/Churyumov-Gerasimenko. *Monthly Notices of the Royal Astronomical Society*, 469, S357-S371. <https://doi.org/10.1093/mnras/stx1726>
- R82. Schmitt, M.I. et al., incl. **Pajola, M.** (2017). Long-term monitoring of comet 67P/Churyumov-Gerasimenko's jets with OSIRIS onboard Rosetta. *Monthly Notices of the Royal Astronomical Society*, 469, S380-S385. <https://doi.org/10.1093/mnras/stx1780>
- R83. Gicquel, A., et al., incl. **Pajola, M.** (2016). Sublimation of icy aggregates in the coma of comet 67P/Churyumov-Gerasimenko detected with the OSIRIS cameras on board Rosetta. *Monthly Notices of the Royal Astronomical Society*, 462, 57-66. <https://academic.oup.com/mnras/article-lookup/doi/10.1093/mnras/stw2117>
- R84. Feller, C., et al., incl. **Pajola, M.** (2016). Decimetre-scaled spectrophotometric properties of the nucleus of comet 67P/Churyumov-Gerasimenko from OSIRIS observations. *Monthly Notices of the Royal Astronomical Society*, 462, 287-303. <https://academic.oup.com/mnras/article-lookup/doi/10.1093/mnras/stw2511>
- R85. Gutierrez, P., et al., incl. **Pajola, M.** (2016). A possible interpretation of the precession of comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*, 590, A46. <https://www.aanda.org/articles/aa/abs/2016/06/aa28029-15/aa28029-15.html>
- R86. Lin, Z-Y. et al., incl. **Pajola, M.** (2016). Observations and analysis of a curved jet in the coma of comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*, 588, L3. <https://www.aanda.org/articles/aa/abs/2016/04/aa27784-15/aa27784-15.html>
- R87. Moreno, F. et al., incl. **Pajola, M.** (2016). The dust environment of comet 67P/Churyumov-Gerasimenko from Rosetta OSIRIS, VLT observations in the 4.5 to 2.9 au heliocentric distance range inbound. *Astronomy & Astrophysics*, 587, A155. <https://www.aanda.org/articles/aa/abs/2016/03/aa27564-15/aa27564-15.html>
- R88. Ip, W.-H., et al., incl. **Pajola, M.** (2016). Physical properties and dynamical relation of the circular depressions on comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*, 591, A132. <https://www.aanda.org/articles/aa/abs/2016/07/aa28156-16/aa28156-16.html>
- R89. Barucci, M. A., et al., incl. **Pajola, M.** (2016). Detection of exposed H₂O ice on the nucleus of comet 67P/Churyumov-Gerasimenko as observed by Rosetta OSIRIS and VIRTIS instruments. *Astronomy & Astrophysics*, 595, A102. <https://www.aanda.org/articles/aa/abs/2016/11/aa28764-16/aa28764-16.html>
- R90. Tubiana, C., et al., incl. **Pajola, M.** (2015). 67P/Churyumov-Gerasimenko: Activity between March and June 2014 as observed from Rosetta/OSIRIS. *Astronomy & Astrophysics*, 573, A62. <https://www.aanda.org/articles/aa/abs/2015/01/aa24735-14/aa24735-14.html>
- R91. Auger, A.-T. et al., incl. **Pajola, M.** (2015). Geomorphology of the Imhotep region on comet 67P/Churyumov-Gerasimenko from OSIRIS observations. *Astronomy & Astrophysics*, 583, A35. <https://www.aanda.org/articles/aa/abs/2015/11/aa25947-15/aa25947-15.html>
- R92. Davidsson, B. et al., incl. **Pajola, M.** (2015). Orbital elements of the material surrounding comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*, 583, A16. <https://www.aanda.org/articles/aa/abs/2015/11/aa25841-15/aa25841-15.html>

- R93. Fornasier, S. et al., incl. **Pajola, M.** (2015). Spectrophotometric properties of the nucleus of comet 67P/Churyumov-Gerasimenko from the OSIRIS instrument onboard the ROSETTA spacecraft. *Astronomy & Astrophysics*, 583, A30. <https://www.aanda.org/articles/aa/abs/2015/11/aa25901-15/aa25901-15.html>
- R94. Groussin, O., et al., incl. **Pajola, M.** (2015). Gravitational slopes, geomorphology, material strengths of the nucleus of comet 67P/Churyumov-Gerasimenko from OSIRIS observations. *Astronomy & Astrophysics*, 583, A32. <https://www.aanda.org/articles/aa/abs/2015/11/aa26379-15/aa26379-15.html>
- R95. Groussin, O., et al., incl. **Pajola, M.** (2015). Temporal morphological changes in the Imhotep region of comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*, 583, A36. <https://www.aanda.org/articles/aa/abs/2015/11/aa27020-15/aa27020-15.html>
- R96. Lara, L. et al., incl. **Pajola, M.** (2015). Large-scale dust jets in the coma of 67P/Churyumov-Gerasimenko as seen by the OSIRIS instrument onboard Rosetta. *Astronomy & Astrophysics*, 583, A9. <https://www.aanda.org/articles/aa/abs/2015/11/aa26103-15/aa26103-15.html>
- R97. Lin, Z-Y. et al., incl. **Pajola, M.** (2015). Morphology, dynamics of the jets of comet 67P/Churyumov-Gerasimenko: Early-phase development. *Astronomy & Astrophysics*, 583, A11. <https://www.aanda.org/articles/aa/abs/2015/11/aa25961-15/aa25961-15.html>
- R98. Rickman, H. et al., incl. **Pajola, M.** (2015). Comet 67P/Churyumov-Gerasimenko: Constraints on its origin from OSIRIS observations. *Astronomy & Astrophysics*, 583, A44. <https://www.aanda.org/articles/aa/abs/2015/11/aa26093-15/aa26093-15.html>
- R99. Thomas, N. et al., incl. **Pajola, M.** (2015). Redistribution of particles across the nucleus of comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*, 583, A17. <https://www.aanda.org/articles/aa/abs/2015/11/aa26049-15/aa26049-15.html>

INTERNATIONAL ABSTRACTS (142)

Mars surface and atmosphere:

1. **Pajola, M.**, Tornabene, L., Seelos, F., Marzo, G.A., Lucchetti, A., Cremonese G., et al. (2018). Spectral clustering applied on ExoMars-CaSSIS simulated imagery dataset. EPSC, European Planetary Science Congress 2018. id.EPSC2018-171. <http://adsabs.harvard.edu/abs/2018EPSC...12..171P>
2. **Pajola, M.**, Teodoro, L.F.A., Wilson, J.T., Eke, V.R., Massey, R.J. (2018). Quantifying the Water Equivalent Hydrogen on Past, Present and Future Mars Landing Sites. *49th Lunar and Planetary Science Conference 2018*, No. 2083, id.1465. <http://adsabs.harvard.edu/abs/2018LPI....49.1465P>
3. **Pajola, M.**, Carter, J., Rossato, S., Baratti, E., Mangili, C., McBride, K., et al. (2014). Eridania paleolakes basin floor: A new landing site for the next Mars 2020 rover. *LPI Contributions*, 1791, 1213. <http://adsabs.harvard.edu/abs/2014LPICo1791.1213P>
4. **Pajola, M.**, Rossato, S., Baratti, E., Mangili, C., Mancarella, F., McBride, K., et al. (2014). Simud vallis floor: A joint landing site for both the ExoMars 2018, the Mars 2020 rovers. *LPI Contributions*, 1791, 1209. <http://adsabs.harvard.edu/abs/2014LPICo1791.1209P>
5. **Pajola, M.**, Baratti, E., Coradini, M., Mangili, C., Pieri, D., McBride, K., et al. (2014). Comparative hydrological study of two Martian paleolakes located in Mars Memnonia quadrangle. *EGU General Assembly Conference Abstracts*, 16, pp. 287. <http://adsabs.harvard.edu/abs/2014EGUGA..16..287P>
6. **Pajola, M.**, Carter, J., Rossato, S., Baratti, E., Mangili, C., Coradini, M., et al. (2014). Studying the NE Eridania sedimentary sequence through the Mars 2020 rover. *European Planetary Science Congress 2014, EPSC Abstracts*, Vol.9, Id.EPSC2014-95, 9, 95. <http://adsabs.harvard.edu/abs/2014EPSC....9...95P>
7. **Pajola, M.**, Coradini, M., Pieri, D., McBride, K., Baratti, E., and Barbieri, C. (2014). Hydrological investigation of Mars Durius Vallis watershed. *Memorie Della Società Astronomica Italiana Supplementi*, 26, 75. <http://adsabs.harvard.edu/abs/2014MSAIS..26...75P>
8. **Pajola, M.**, Magrin, S., Lazzarin, M., La Forgia, F., & Barbieri, C. (2012). Rosetta-Mars fly-by, february 25, 2007. *Memorie Della Società Astronomica Italiana Supplementi*, 20, 105. <http://adsabs.harvard.edu/abs/2012MSAIS..20..105P>

9. Rossato, S., **Pajola, M.**, et al. (2017). Maars on Mars: Potential niches for early Martian life. *48th Lunar and Planetary Science Conference, 2017, no. 1964, id. 1290.* <http://adsabs.harvard.edu/abs/2017LPI....48.1290R>
10. Rossato, S., **Pajola, M.**, et al. (2017). Boulders abundances and size-frequency distribution on Mars: the 2020 ExoMars landing site – Oxia Planum. *48th Lunar and Planetary Science Conference, 2017, no. 1964, id. 2114.* <http://adsabs.harvard.edu/abs/2017LPI....48.2114R>
11. Baratti, E., **Pajola, M.**, et al. (2015). Hydraulic analysis of a Martian paleolake. *EGU General Assembly Conference Abstracts, 17. pp. 5258.* <http://adsabs.harvard.edu/abs/2015EGUGA..17.5258B>
12. Rossato, S., **Pajola, M.**, et al. (2015). Landscape evolution reconstructions on Mars: A detailed analysis of lacustrine, fluvial terraces. *EGU General Assembly Conference Abstracts, 17. pp. 4760.* <http://adsabs.harvard.edu/abs/2015EGUGA..17.4760R>
13. Rossato, S., **Pajola, M.**, et al. (2014). Lacustrine, fluvial terraces correlation: A good picklock to disclose the secrets of complex alluvial systems. *LPI Contributions, 1791, 1267.* <http://adsabs.harvard.edu/abs/2014LPICo1791.1267R>
14. Baratti, E., **Pajola, M.**, et al. (2014). Hydraulic modeling of an interior channel identified inside a Martian valley. *EGU General Assembly Conference Abstracts, 16. pp. 11380.* <http://adsabs.harvard.edu/abs/2014EGUGA..1611380B>
15. Baratti, E., **Pajola, M.**, et al. (2014). Hydraulic modeling of the tributary, the outlet of a Martian paleolake. *European Planetary Science Congress 2014, EPSC Abstracts, Vol.9, Id.EPSC2014-266, 9, 266.* <http://adsabs.harvard.edu/abs/2014EPSC....9..266B>
16. Moissl, R., **Pajola, M.** et al. (2013). The Martian atmosphere as seen by the OSIRIS camera. *European Planetary Science Congress 2013, Id.EPSC2013-906, 8, 906.* <http://adsabs.harvard.edu/abs/2013EPSC....8..906M>
17. Munaretto, G., Cremonese, G., **Pajola, M.**, Lazzarin, M. (2018). Global properties of Martian Recurring Slope Lineae. *EPSC, European Planetary Science Congress 2018.* <http://adsabs.harvard.edu/abs/2018EPSC...12..269M>
18. Baratti, E., Rossato, S., **Pajola, M.** et al. (2017). Estimating Martian paleodischarge by using a high-resolution digital terrain model: a Memnonia valley study case. *48th Lunar and Planetary Science Conference, 2017, no. 1964, id. 2644.* <http://adsabs.harvard.edu/abs/2017LPI....48.2644B>
19. Simioni, E. Re, C., Mudric, T., **Pajola, M.**, Lucchetti, A., Pozzobon, R. et al., (2018). 3DPD application to the first CaSSIS DTMs. *European Planetary Science Congress 2018, id.EPSC2018-380.* <http://adsabs.harvard.edu/abs/2018EPSC...12..380S>
20. Conway, S, Pozzobon, R., Lucchetti, A., Massironi, M., Simioni, E., Re, C., Mudric, T., **Pajola, M.** et al., (2018). Evaluating the performance of CaSSIS elevation data for geomorphological and geological analyses. *European Planetary Science Congress 2018, id.EPSC2018-962.* <http://adsabs.harvard.edu/abs/2018EPSC...12..962C>
21. Parkes Bowen, A., Bridges, J.C., Page, J., El-Maarry, M.R., Thomas, N., Cremonese, G., Tornabene, L.L., **Pajola, M.** (2019). Fracture mapping and CaSSIS imaging of the ExoMars 2020 landing site Oxia Planum: Characterising clay-rich sediments. *Lunar and Planetary Science Conference 2019, no. 2132, id. 1952.* <http://adsabs.harvard.edu/abs/2019LPI....50.1952P>
22. Orosei, R., Lauro, S.E., Pettinelli, E., Cicchetti, A., Coradini, M., Cosciotti, B., Di Paolo, F., Flamini, E., Mattei, E., **Pajola, M.**, et al. (2019). Radar evidence of subglacial liquid water on Mars. *Lunar and Planetary Science Conference 2019, no. 2132, id. 2363.* <http://adsabs.harvard.edu/abs/2019LPI....50.2363O>
23. Tornabene, L.L., Thomas, N., Cremonese, G., Almeida, M., Douté, S., Grindrod, P., Heyd, R., Lucchetti, A., McEwen, A., **Pajola, M.**, et al. (2019). Colour and Stereo Surface Imaging System (CaSSIS) on the ExoMars Trace Gas Orbiter (TGO): Potential colour data products and their use for scientific investigations. *Lunar and Planetary Science Conference 2019, no. 2132, id. 2678.* <http://adsabs.harvard.edu/abs/2019LPI....50.2678T>
24. Pommerol, A. et al., including **Pajola, M.** (2018). Ices, frosts and clouds on Mars observed by CASSIS during the first months of TGO's primary science mission. *EPSC, European Planetary Science Congress 2018. id.EPSC2018-272.* <http://adsabs.harvard.edu/abs/2018EPSC...12..272P>

25. Massironi, M., incl. **Pajola, M.** et al. (2017). A three-dimensional geological reconstruction of Noctis Labyrinthus slope tectonics from CaSSIS data. The Martian atmosphere as seen by the OSIRIS camera. *European Planetary Science Congress 2017*, id. EPSC2017-618. <http://adsabs.harvard.edu/abs/2017EPSC...11..618M>
26. Thomas, N., incl. **Pajola, M.** (2019). CaSSIS: Overview of imaging in the first 9 months of the prime mission. *Lunar and Planetary Science Conference 2019*, no. 2132, id. 1585. <http://adsabs.harvard.edu/abs/2019LPI....50.1585T>
27. Cremonese, G., incl. **Pajola, M.** (2017). First Mars surface stereo reconstruction with the CaSSIS stereo camera. *48th Lunar and Planetary Science Conference, 2017*, no. 1964, id. 1464. <http://adsabs.harvard.edu/abs/2017LPI....48.1464C>
28. Tornabene, L.L., incl. **Pajola, M.** (2017). Colour and Stereo Surface Imaging System on the ExoMars Trace Gas Orbiter: an assessment of colour and spatial capabilities through image simulations. *48th Lunar and Planetary Science Conference, 2017*, no. 1964, id. 2179. <http://adsabs.harvard.edu/abs/2017LPI....48.2179T>
29. Quantin, C. et al., incl. **Pajola, M.** (2016). Oxia planum: the landing site for ExoMars 2018. *47th Lunar and Planetary Science Conference, 2016*, no. 1903. <http://adsabs.harvard.edu/abs/2016LPI....47.2863Q>
30. Quantin, C. et al., incl. **Pajola, M.** (2015). Oxia planum: A suitable landing site for ExoMars 2018 rover. *European Planetary Science Congress 2015*, Id.EPSC2015-704, 10, 704. <http://adsabs.harvard.edu/abs/2015EPSC...10..704Q>
31. Hviid, S., Küppers, M., Määttänen, A., Moissl, R., **Pajola, M.** (2012). OSIRIS data from the Rosetta Mars flyby in context with other missions. *European Planetary Science Congress 2012*, 1. pp. 718. <http://adsabs.harvard.edu/abs/2012epsc.conf..718H>

Phobos:

32. **Pajola, M.** Roush, T., Dalle Ore, C., Marzo, G., Simioni, E. (2018). Spectral modeling (0.5-2.5 μm) of the Phobos Blue-Red transition area. EPSC, European Planetary Science Congress 2018. id.EPSC2018-159. <http://adsabs.harvard.edu/abs/2018EPSC...12..159P>
33. **Pajola, M.** et al. (2017). Refining the boundary between the Phobos Blue/Red spectral units with the ExoMars-CaSSIS imagery. *European Planetary Science Congress 2017*, Id.EPSC2017-68. <http://adsabs.harvard.edu/abs/2017EPSC...11...68P>
34. **Pajola, M.** et al. (2017). Modelling the PhobosMRO/CRISM dataset in the 0.5-2.5 micron range with multiple optical constants. *European Planetary Science Congress 2017*, Id.EPSC2017-69. <http://adsabs.harvard.edu/abs/2017EPSC...11...69P>
35. **Pajola, M.**, Roush, T., Dalle Ore, C.M., Marzo, G.A., Simioni, E. (2017). Spectral modeling of the 0.4-2.5 micron Phobos CRISM dataset. *19th EGU General Assembly, 2017*, p. 2145. <http://adsabs.harvard.edu/abs/2017EGUGA..19.2145P>
36. **Pajola, M.**, Roush, T., Dalle Ore, C.M., Marzo, G.A., Simioni, E. (2017). Phobos MRO/CRISM Visible and Infrared (0.4-2.5 micron) spectral clustering. *48th Lunar and Planetary Science Conference, 2017*, no. 1964, id. 1067. <http://adsabs.harvard.edu/abs/2017LPI....48.1067P>
37. **Pajola, M.**, Roush, T., Marzo, G.A., Simioni, E. (2016). Phobos spectral clustering: first results using the MRO-CRISM 0.4-2.5 micron dataset. *AGU Fall Meeting Abstracts id.P53C-2221*. <http://adsabs.harvard.edu/abs/2016AGUFM.P53C2221P>
38. **Pajola, M.**, Roush, T., Marzo, G. (2016). Phobos spectral clustering: comparison between the 0.5-0.9 micron slope on OMEGA and CRISM data sets. *American Astronomical Society, DPS #48*, id.428.05. <http://adsabs.harvard.edu/abs/2016DPS....48.42805P>
39. **Pajola, M.**, Roush, T. (2016). Mining the wealth of Phobos multispectral data contained in MEX-OMEGA and MRO-CRISM datasets. *EGU General Assembly Conference Abstracts, 2016*. pp. 5171. <http://adsabs.harvard.edu/abs/2016EGUGA..18.5171P>

40. **Pajola, M.**, Simioni, E., Cremonese, G., Massironi, M., & Giacomini, L. (2014). Phobos grooves analysis: Do they favor the in situ or the asteroidal capture origin? *AGU Fall Meeting Abstracts*, 1, 3845. <http://adsabs.harvard.edu/abs/2014AGUFM.P13D3845P>
41. **Pajola, M.**, Lazzarin, M., Dalle Ore, C., Cruikshank, D., Roush, T., Pendleton, Y., et al. (2014). Phobos low density: Are macroporosity and/or water ice 'condiciones sine quibus non'? *EGU General Assembly Conference Abstracts*, 16. pp. 1202. <http://adsabs.harvard.edu/abs/2014EGUGA..16.1202P>
42. **Pajola, M.**, Lazzarin, M., Dalle Ore, C.M., Cruikshank, D.P., Roush, T.L., Pendleton, Y., Bertini, I., Magrin, S., Carli, C., La Forgia, F., et al. (2014). Phobos surface spectra mineralogical modeling. *European Planetary Science Congress 2014, EPSC Abstracts*, Vol.9, Id.EPSC2014-97, 9, 97. <http://adsabs.harvard.edu/abs/2014EPSC....9...97P>
43. **Pajola, M.**, Lazzarin, M., Bertini, I., Turrini, D., Marzari, F., Magrin, S., et al. (2014). New hints on Phobos collisional capture origin from Rosetta-OSIRIS observation. *Memorie Della Società Astronomica Italiana Supplementi*, 26, 67. <http://adsabs.harvard.edu/abs/2014MSAIS..26...67P>
44. **Pajola, M.**, Lazzarin, M., Dalle Ore, C., Cruikshank, D., Roush, T., Magrin, S., et al. (2013). Phobos mineralogical interpretation from 0.25 to 4.0 micron. *AGU Fall Meeting Abstracts*, 1, 1777. <http://adsabs.harvard.edu/abs/2013AGUFM.P51E1777P>
45. **Pajola, M.**, Lazzarin, M., Dalle Ore, C., Roush, T., Magrin, S., Bertini, I., et al. (2013). Mineralogical interpretation of Phobos OSIRIS reflectance spectrum: Is Phobos a collisionally captured asteroid? *European Planetary Science Congress 2013, Id.EPSC2013-814*, 8, 814. <http://adsabs.harvard.edu/abs/2013EPSC....8.814P>
46. Simioni, E., **Pajola, M.**, Massironi, M., & Cremonese, G. (2015). Multiple 3D reference system analyses for Phobos grooves, a novel approach. *EGU General Assembly Conference Abstracts*, 17. pp. 9805. <http://adsabs.harvard.edu/abs/2015EGUGA..17.9805S>
47. Dalle Ore, C., **Pajola, M.** et al. (2014). Phobos' low bulk density: Evidence against a capture origin? *AGU Fall Meeting Abstracts*, 2014, 3846. <http://adsabs.harvard.edu/abs/2014AGUFM.P13D3846D>
48. Lucchetti, A., Cremonese, G., **Pajola, M.** et al. (2015). New simulation of Phobos Stickney crater, *46th Lunar and Planetary Science Conference 2015*, no. 1832, pp. 2856. <http://adsabs.harvard.edu/abs/2015LPI....46.1420L>
49. Re, C., Simioni, E., Cremonese, G., Lucchetti, A., **Pajola, M.** et al. (2017). Stereo-multispectral analysis of Phobos by using CaSSIS images. *European Planetary Science Congress 2017*, id. EPSC2017-512. <http://adsabs.harvard.edu/abs/2017EPSC...11..512R>
50. Lee, P. et al., incl. **Pajola, M.** (2015). PADME (Phobos and Deimos and Mars Environment): A Proposed NASA Discovery mission to investigate the two moons of Mars. *46th Lunar and Planetary Science Conference, 2015*, no. 1832, pp. 1420. <http://adsabs.harvard.edu/abs/2015LPI....46.2856L>

Comet 67P Churyumov-Gerasimenko:

51. **Pajola, M.**, Lee, J.C., Oklay, N., Hviid, S.F., Fornasier, S., Penasa, L., Mottola, S., Shi, X., Davidsson, B., Massironi, M., et al. (2018). Multidisciplinary analysis of the Hapi region on Comet 67P/Churyumov-Gerasimenko. *49th Lunar and Planetary Science Conference, 2018*, no. 2083, id. 1872. <http://adsabs.harvard.edu/abs/2018LPI....49.1872P>
52. **Pajola, M.** et al. (2017). The Aswan cliff collapse on comet 67P/Churyumov-Gerasimenko. *European Planetary Science Congress 2017*, Id.EPSC2017-70. <http://adsabs.harvard.edu/abs/2017EPSC...11...70P>
53. **Pajola, M.**, Mottola, S., Hamm, M., Fulle, M., Davidsson, B., Güttler, C., et al. (2017). A multi-resolution analysis of the boulders/pebbles on comet 67P/Churyumov-Gerasimenko: the OSIRIS-ROLIS joint observations. *48th Lunar and Planetary Science Conference, 2017*, no. 1964, id. 1069. <http://adsabs.harvard.edu/abs/2017LPI....48.1069P>
54. **Pajola, M.**, Vincent, J.-B., Güttler, C., Lee, J.-C., Massironi, M., Bertini, I., et al. (2016). First analysis of the size-frequency distribution of boulders > 7 m on comet 67P. *Memorie Della Società Astronomica Italiana*, 87, pp. 156. <http://adsabs.harvard.edu/abs/2016MmSAI..87..156P>

55. **Pajola, M.**, La Forgia, F., Giacomini, L., Oklay, N., Massironi, M., Bertini, I., Simioni, E., Marzari, F., Barbieri, C., Naletto, G., et al. (2015). Geomorphological and spectrophotometric study of Philae landing site A. *European Planetary Science Congress 2015*, Id.EPSC2015-526, 10, 526. <http://adsabs.harvard.edu/abs/2015EPSC...10..526P>
56. **Pajola, M.**, Baptiste Vincent, Jean, Lee, Jui-Chi, Ip, Wing-Huen, Lin, Zhong-Yi, Bertini, Ivano, Massironi, M., Simioni, Emanuele, Barbieri, C., Cremonese, G., et al. (2015). The global size-frequency distribution of boulders > 7 m on comet 67P Churyumov-Gerasimenko. *EGU General Assembly Conference Abstracts*, 17. pp. 5379. <http://adsabs.harvard.edu/abs/2015EGUGA..17.5379P>
57. Lucchetti, A., **Pajola, M.** et al. (2017). Detailed analysis of Seth's circular niches on comet 67P Churyumov-Gerasimenko. *19th EGU General Assembly*, 2017, p. 13234. <http://adsabs.harvard.edu/abs/2017EGUGA..1913234L>
58. Lucchetti, A., **Pajola, M.** et al. (2017). Pre- and post-perihelion analysis of Seth's circular niches on comet 67P/Churyumov-Gerasimenko. *European Planetary Science Congress 2017*, Id.EPSC2017-133. <http://adsabs.harvard.edu/abs/2017EPSC...11..133L>
59. Capria, M.T., Zinzi, A., **Pajola, M.**, et al. (2018). Thermophysical analysis of the Imhotep region. *European Planetary Science Congress 2018*, id.EPSC2018-840. <http://adsabs.harvard.edu/abs/2018EPSC...12..840C>
60. El-Maarry, M. R., Thomas, N., **Pajola, M.** et al. (2016). Comet 67P: Dichotomy and morphology of the southern hemisphere from Rosetta/OSIRIS images. *47th Lunar and Planetary Science Conference*, no. 1903, pp. 2108. <http://adsabs.harvard.edu/abs/2016LPI...47.2108E>
61. Oklay, N., Sunshine, J., **Pajola, M.** et al. (2016). Multispectral comparison of water ice deposits observed on cometary nuclei. *American Astronomical Society, DPS #48*, id.116.16. <http://adsabs.harvard.edu/abs/2016DPS....4811616O>
62. Massironi, M., Simioni, E., **Pajola, M.**, et al. (2016). Layering and internal structure of the comet 67P/Churyumov-Gerasimenko as observed by Rosetta. *Memorie Della Società Astronomica Italiana*, 87, pp. 153. <http://adsabs.harvard.edu/abs/2016MmSAI..87..153M>
63. Vincent, J. B., Oklay, N., **Pajola, M.** et al. (2015). Activity and jets of comet 67P, as observed by OSIRIS since August 2014. *American Astronomical Society, DPS #47*, id.413.07. <http://adsabs.harvard.edu/abs/2015DPS....4741307V>
64. Oklay, N., Mottola, S. Vincent, J.B., **Pajola, M.** et al. (2017). Long-term survival of water-ice observed on comet 67P. *European Planetary Science Congress 2017*, id. EPSC2017-364. <http://adsabs.harvard.edu/abs/2017EPSC...11..364O>
65. El-Maarry, M.R., Groussin, O. Thomas, N., **Pajola, M.** et al. (2017). Surface changes on comet 67P/Churyumov-Gerasimenko: how do comets evolve with time? *European Planetary Science Congress 2017*, id. EPSC2017-288. <http://adsabs.harvard.edu/abs/2017EPSC...11..288E>
66. El-Maarry, M.R., Groussin, O., Thomas, N., **Pajola, M.** et al. (2017). Remarkable surface changes of comet 67P/Churyumov-Gerasimenko's nucleus around perihelion. *48th Lunar and Planetary Science Conference*, 2017, no. 1964, id. 2791. <http://adsabs.harvard.edu/abs/2017LPI....48.2791E>
67. El-Maarry, M.R., Groussin, O., Thomas, N., **Pajola, M.** et al. (2017). How do the surfaces of comets evolve with time? Insights from Rosetta's two-year journey with 67P/Curyumov-Gerasimenko. *American Geophysical Union*, 2017, Abstract #P51D-2683. <http://adsabs.harvard.edu/abs/2017AGUFM.P51D2638E>
68. Penasa, L., Massironi, M. Ferrari, S., **Pajola, M.** et al. (2017). The layered structure of the nucleus of the comet 67P: implications on missing volumes and lobes orientations. *European Planetary Science Congress 2017*, id. EPSC2017-485. <http://adsabs.harvard.edu/abs/2017EPSC...11..485P>
69. Giacomini, L., Massironi, M., Thomas, N., **Pajola, M.**, et al. (2016). Geomorphological mapping of the comet 67P/Churyumov-Gerasimenko. *Memorie Della Società Astronomica Italiana*, 87, pp. 159.
70. El-Maarry, M.R., Thomas, N., Gracia-Berná, A., **Pajola, M.** et al. (2016). Comet 67P's morphological dichotomy and surface evolution from the Rosetta/OSIRIS camera. *American Astronomical Society, DPS #48*, id.110.07.

71. Oklay, N., Vincent, J. B., Fornasier, S., **Pajola, M.** et al. (2015). Variiegation of active regions on comet 67P/Churyumov-Gerasimenko. *American Astronomical Society, DPS #47, id.500.07*. <http://adsabs.harvard.edu/abs/2015DPS....4750007O>
72. Vincent, J., Oklay, N., Hoefner, S., **Pajola, M.** et al. (2015). Are fractured cliffs the major source of cometary dust jets? Evidence from Rosetta at 67P. *European Planetary Science Congress 2015, Held 27 September-2 October, 2015 in Nantes, France, Id.EPSC2015-159, 10, 159*. <http://adsabs.harvard.edu/abs/2015EPSC...10..159V>
73. Massironi, M., Cremonese, G., Giacomini, L., **Pajola, M.** et al. (2014). First geological mapping of 67P/Churyumov-Gerasimenko nucleus from Rosetta mission. *European Planetary Science Congress 2014, EPSC Abstracts, Vol.9, Id.EPSC2014-595, 9, 595*. <http://adsabs.harvard.edu/abs/2014EPSC...9..595M>
74. Cambianica, P., Naletto, G., Cremonese G., Lucchetti, A., **Pajola, M.**, Simioni, E., et al. (2018). Thermal analysis on boulders on the 67P/Churyumov-Gerasimenko comet. *EPSC, European Planetary Science Congress 2018, id.EPSC2018-267*. <http://adsabs.harvard.edu/abs/2018EPSC...12..267C>
75. Hofmann, M., Güttler, C., Vincent, J.B., Prasanna Deshapriya, J. D., **Pajola, M.** et al. (2017). Material strength on 67P Churyumov-Gerasimenko and its influence on cliff stability. *19th EGU General Assembly, 2017, p. 12620*. <http://adsabs.harvard.edu/abs/2017EGUGA..1912620H>
76. Davidsson, B., Sierks, H., Guettler, C., Marzari, F., **Pajola, M.** et al. (2015). The primordial nucleus of comet 67P/Churyumov-Gerasimenko. *American Astronomical Society, DPS #47, id.413.15*. <http://adsabs.harvard.edu/abs/2015DPS....4741315D>
77. El-Maarry, M.R., Thomas, N., Giacomini, L., Massironi, M., **Pajola, M.**, et al. (2015). Regional geomorphology of comet 67P/Churyumov-Gerasimenko using the OSIRIS camera onboard Rosetta. *Lunar, Planetary Science Conference, 46. pp. 1829*. <http://adsabs.harvard.edu/abs/2015LPI...46.1829E>
78. Besse, S., Guilbert-Lepoutre, A., Vincent, J., Bodewits, D., **Pajola, M.** (2015). Circular depressions on 67P/Churyumov-Gerasimenko observed by the OSIRIS instrument. *European Planetary Science Congress 2015, Id.EPSC2015-114, 10, 114*. <http://adsabs.harvard.edu/abs/2015EPSC...10..114B>
79. Pommerol, A., Fornasier, S., Thomas, N., El-Maarry, M.R., **Pajola, M.** et al. (2015). OSIRIS observations of metre-size bright exposures of H₂O ice at the surface of comet 67P/CG. *European Planetary Science Congress 2015, Id.EPSC2015-244, 10, 244*. <http://adsabs.harvard.edu/abs/2015EPSC...10..244P>
80. El-Maarry, M.R., Thomas, N., Auger, A.T., Groussin, O., Mottola, S., **Pajola, M.**, et al. (2015). Fractures on comet 67P/Churyumov-Gerasimenko observed by Rosetta/OSIRIS. *European Planetary Science Congress 2015, Id.EPSC2015-521*. <http://adsabs.harvard.edu/abs/2015EPSC...10..521E>
81. Nilda, O., Pommerol, A., Sunshine, J., Barucci, M.A., Sierks, H., **Pajola, M.** et al. (2016). Comparative study of icy patches on comet nuclei. *41st COSPAR Scientific Assembly, B0.4-15-16*. <http://adsabs.harvard.edu/abs/2016cosp...41E1461O>
82. Vincent, J-B., Sierks, H., Lara, L., Gutierrez, P., Rodrigo, R., **Pajola, M.** et al. (2015). Jets, sources of activity on comet 67P/Churyumov-Gerasimenko. *EGU General Assembly Conference Abstracts, 17. pp. 12877*. <http://adsabs.harvard.edu/abs/2015EGUGA..1712877V>
83. Massironi, M., Simioni, E., Marzari, F., Cremonese, G., Giacomini, L., **Pajola, M.** et al. (2015). Layering, geological inner structure of 67P Churyumov-Gerasimenko comet nucleus. *European Planetary Science Congress 2015, Id.EPSC2015-710, 10, 710*. <http://adsabs.harvard.edu/abs/2015EPSC...10..710M>
84. Penasa, L., Massironi, M., Franceschi, M., Naletto, G., Ferrari, S., Simioni, E., **Pajola, M.**, et al. (2018). Layering on comet 67P/Churyumov-Gerasimenko: Insights from three-dimensional modeling. *49th Lunar and Planetary Science Conference, 2018, no. 2083, id. 2077*. <http://adsabs.harvard.edu/abs/2018LPI...49.2077P>
85. Franceschi, M. et al., incl. **Pajola, M.** (2017). Towards a high-accuracy geological model of the 67P model. *European Planetary Science Congress 2017, id. EPSC2017-639*. <http://adsabs.harvard.edu/abs/2017EPSC...11..639F>
86. Ferrari, S. et al., incl. **Pajola, M.** (2017). Comparison between layers stacks of 67P/CG comet and spectrophotometric variability obtained from OSIRIS data. *European Planetary Science Congress 2017, id. EPSC2017-471*. <http://adsabs.harvard.edu/abs/2017EPSC...11..471F>

87. Agarwal, J. et al., incl. **Pajola, M.** (2017). Multi-instrument observations of the 67P outburst of 3 July 2016. *European Planetary Science Congress 2017*, id. EPSC2017-439. <http://adsabs.harvard.edu/abs/2017EPSC...11..439A>
88. Tubiana, C. et al., incl. **Pajola, M.** (2015). The dust coma of 67P/Churyumov-Gerasimenko as seen by OSIRIS onboard Rosetta. *European Planetary Science Congress 2015*, Id.EPSC2015-622, 10, 622. <http://adsabs.harvard.edu/abs/2015EPSC...10..622T>
89. Barucci, M.A. et al., incl. **Pajola, M.** (2015). Surface compositional variation on the comet 67P/Churyumov-Gerasimenko by OSIRIS data. *European Planetary Science Congress 2015*, Id.EPSC2015-177, 10, 177. <http://adsabs.harvard.edu/abs/2015EPSC...10..177B>
90. Oklay, N. et al., incl. **Pajola, M.** (2015). Colors of active regions on comet 67P. *European Planetary Science Congress 2015*, Id.EPSC2015-163, 10, 163. <http://adsabs.harvard.edu/abs/2015EPSC...10..163O>
91. Giacomini, L., Massironi, M., **Pajola, M.** et al. (2015). Geomorphological mapping of the comet 67P/Churyumov-Gerasimenko. *EGU General Assembly Conference Abstracts*, 17. pp. 12465. <http://adsabs.harvard.edu/abs/2015EGUGA..1712465G>
92. Pommerol, A. et al., incl. **Pajola, M.** (2015). Metre-size bright spots at the surface of comet 67P/Churyumov-Gerasimenko: Interpretation of OSIRIS data using laboratory experiments. *EGU General Assembly Conference Abstracts*, 17. pp. 9489. <http://adsabs.harvard.edu/abs/2015EGUGA..17.9489P>
93. Fornasier, S. et al., incl. **Pajola, M.** (2015). Spectrophotometry, colors, photometric properties of the 67P/Churyumov-Gerasimenko nucleus from the OSIRIS instrument onboard the ROSETTA mission. *EGU General Assembly Conference Abstracts*, 17. pp. 9241. <http://adsabs.harvard.edu/abs/2015EGUGA..17.9241F>
94. Lin, Z-Y. et al., incl. **Pajola, M.** (2015). Morphology and dynamics of jets of comet 67P Churyumov-Gerasimenko: Early phase development. *EGU General Assembly Conference Abstracts*, 17. pp.8899. <http://adsabs.harvard.edu/abs/2015EGUGA..17.8899L>
95. Ip, W., et al., incl. **Pajola, M.** (2015). A comparison of the size frequency distributions of the quasi-circular flat-floor depression structures on comet 67P/Churyumov-Gerasimenko, and comet Wild 2. *EGU General Assembly Conference Abstracts*, 17. pp. 5017. <http://adsabs.harvard.edu/abs/2015EGUGA..17.5017I>
96. Vincent, J-B, et al., incl. **Pajola, M.** (2015). A glimpse into the underworld: Active pits on 67P. *Lunar, Planetary Science Conference*, 46. pp. 2041. <http://adsabs.harvard.edu/abs/2015LPI...46.2041V>
97. Marchi, S. et al., incl. **Pajola, M.** (2015). The geomorphology of comet 67P: Implications for the past collisional evolution, formation. *Lunar, Planetary Science Conference*, 46. pp. 1532. <http://adsabs.harvard.edu/abs/2015LPI...46.1532M>
98. Marchi, S. et al., incl. **Pajola, M.** (2014). The geomorphology of comet Churyumov-Gerasimenko as revealed by Rosetta/Osiris: Implications for past collisional evolution. *AGU Fall Meeting Abstracts*, 2014, 3940. <http://adsabs.harvard.edu/abs/2014AGUFM.P41C3940M>
99. Hviid, S.F., et al., incl. **Pajola, M.** (2014). Color variegation on 67P/Churyumov-Gerasimenko. *AGU Fall Meeting Abstracts*, 1, 3942. <http://adsabs.harvard.edu/abs/2014AGUFM.P41C3942H>
100. Ip, W.H., et al., incl. **Pajola, M.** (2014). Jets of 67P/Churyumov-Gerasimenko as observed by Rosetta/OSIRIS. *AGU Fall Meeting Abstracts*, 1, 3939. <http://adsabs.harvard.edu/abs/2014AGUFM.P41C3939I>
101. Besse, S. et al., incl. **Pajola, M.** (2014). 67P/Churyumov-Gerasimenko spectrophotometric properties. *AGU Fall Meeting Abstracts*, 1, 3938. <http://adsabs.harvard.edu/abs/2014AGUFM.P41C3938B>
102. Sierks, H. et al., incl. **Pajola, M.** (2014). Comet 67P/Churyumov-Gerasimenko first science results by Rosetta/OSIRIS. *AGU Fall Meeting Abstracts*, 1, 02. <http://adsabs.harvard.edu/abs/2014AGUFM.P32B..02S>
103. Thomas, N. et al., incl. **Pajola, M.** (2014). Comet 67P/Churyumov-Gerasimenko: First science results by Rosetta/OSIRIS. *AAS/Division for Planetary Sciences Meeting Abstracts*, 46. <http://adsabs.harvard.edu/abs/2014DPS....4610001T>

104. Fornasier, S. et al., incl. **Pajola, M.** (2014). The 67P/Churyumov-Gerasimenko comet: Colors, albedo variations, inhomogeneity of the nucleus from the ROSETTA/OSIRIS images. *European Planetary Science Congress 2014, EPSC Abstracts, Vol.9, Id.EPSC2014-412, 9, 412.* <http://adsabs.harvard.edu/abs/2014EPSC....9..412F>
105. La Forgia, F. et al., incl. **Pajola, M.** (2014). OH fluorescence, prompt emission in comet 103P/Hartley 2 observed by EPOXI mission, expected results for comet 67P/Churyumov-Gerasimenko observed by Rosetta/OSIRIS WAC camera. *European Planetary Science Congress 2014, EPSC Abstracts, Vol.9, Id.EPSC2014-173, 9, 173.* <http://adsabs.harvard.edu/abs/2014EPSC....9..173L>
106. Leyrat, C. et al., incl. **Pajola, M.** (2014). Albedo, color variegations on 67/P Churyumov-Gerasimenko as observed by OSIRIS/Rosetta. *AAS/Division for Planetary Sciences Meeting Abstracts, 46.* <http://adsabs.harvard.edu/abs/2014DPS....4610002L>

Comet 103P Hartley 2:

107. **Pajola, M.**, Lucchetti, A., A'Hearn, M. F., Bertini, I., Marzari, F., La Forgia, et al. (2015). Size-frequency distribution of boulders ≥ 10 m on Comet 103P/Hartley 2. *AGU Fall Meeting Abstracts, #P43C-2135.* <http://adsabs.harvard.edu/abs/2015AGUFM.P43C2135P>
108. La Forgia, F., A'Hearn, M., Lazzarin, M., Magrin, S., Bertini, I., **Pajola, M.**, et al. (2014). Ultraviolet OH prompt emission in the innermost coma of 103P/Hartley 2. *Asteroids, Comets, Meteors 2014, 1. pp. 163.* <http://adsabs.harvard.edu/abs/2014acm.conf..163L>

Icy Satellites:

109. Lucchetti, A., **Pajola, M.**, et al. (2019). Geological and compositional analysis of Ganymede's Melkart impact crater. *Lunar and Planetary Science Conference 2019, no. 2132, id. 2324.* <http://adsabs.harvard.edu/abs/2019LPI....50.2324L>
110. Lucchetti, A., Cremonese, G., Massironi, M., **Pajola, M.**, et al. (2018). Fractures analysis of icy satellite surfaces. *42nd COSPAR Scientific Assembly 2018. B5.3-27-18.* <http://adsabs.harvard.edu/abs/2018cosp...42E2085L>

Mercury:

111. **Pajola, M.**, Lucchetti, A., Marzo, G., Cremonese, G., Massironi, M. (2018). Spectral clustering on Hermean hollows located on pyroclastic deposits. EPSC, European Planetary Science Congress 2018. id.EPSC2018-164. <http://adsabs.harvard.edu/abs/2018EPSC...12..164P>
112. Lucchetti, A., **Pajola, M.**, Merusi, M., Cremonese, G., Galluzzi, V., Giacomini, L. et al (2018). Hollows and their relationship with. Geochemical terrains. EPSC, European Planetary Science Congress 2018. id.EPSC2018-163. <http://adsabs.harvard.edu/abs/2018EPSC...12..163L>
113. Lucchetti, N., **Pajola, M.**, et al. (2017). Spectral clustering and geomorphological analysis on Mercury hollows. *Mercury: Current and future science of the innermost planet. Conference in Columbia, Maryland, 2018. Contribution no. 2047, id. 6028.* <http://adsabs.harvard.edu/abs/2018LPICo2047.6028L>
114. Lucchetti, A., **Pajola, M.**, et al. (2017). Spectral clustering of Hermean craters hollows. *19th EGU General Assembly, 2017, p. 13417.* <http://adsabs.harvard.edu/abs/2017EGUGA..1913417L>
115. Lucchetti, A., **Pajola, M.**, et al. (2017). Spectral clustering on Mercury hollows: the Dominici crater case. *48th Lunar and Planetary Science Conference, 2017, no. 1964, id. 1329.* <http://adsabs.harvard.edu/abs/2017LPI....48.1329L>
116. Lucchetti, N., **Pajola, M.**, et al. (2017). Spectral clustering reveals similar behavior between Mercury's hollows. *European Planetary Science Congress 2017, id. EPSC2017-188.* <http://adsabs.harvard.edu/abs/2017EPSC...11..188L>
117. Galluzzi, V., Giacomini, L., Lucchetti, A., **Pajola, M.**, et al. (2018). High-resolution geological mapping of hollow fields on Mercury. *20th EGU General Assembly, 2018, p. 18641.* <http://adsabs.harvard.edu/abs/2018EGUGA..2018641G>

118. Galluzzi, V., Giacomini, L., Massironi M., Lucchetti, A., **Pajola, M.**, Palumbo, P. et al. (2018). Bedrock layering revealed by hollows on Mercury. *European Planetary Science Congress 2018*, id.EPSC2018-1186. <http://adsabs.harvard.edu/abs/2018EPSC...12.1186G>

Asteroids:

119. **Pajola, M.** et al. (2019). Global and select regional size-frequency distribution of boulders on asteroid (101955) Bennu. *Lunar and Planetary Science Conference 2019*, no. 2132, id. 1575. <http://adsabs.harvard.edu/abs/2019LPI...50.1575P>
120. **Pajola, M.** et al. (2018). The size-frequency distribution of boulders >10 m on asteroid (101955) Bennu: landing safety and scientific return. *AGU Fall Meeting Abstracts*, #P33C-3854, <http://adsabs.harvard.edu/abs/2018AGUFM.P33C3854P>
121. Molaro, J., **Pajola, M.**, Elder, C. (2018). The interaction between grain- and boulder-scale effects on thermally induced rock breakdown. *American Astronomical Society, DPS#50*, Id.404.02. <http://adsabs.harvard.edu/abs/2018DPS...5040402M>
122. Molaro, J., Walsh, K.J., Jawin, E., Ballouz, R.L., **Pajola, M.**, et al. (2019). Team dynamics during a four-day effort to map Bennu's surface: a collaborative effort. *Lunar and Planetary Science Conference 2019*, no. 2132, id. 1591. <http://adsabs.harvard.edu/abs/2019LPI...50.1591M>
123. Delbo, M., Molaro, J., Walsh, K.J., Ballouz, R.L., **Pajola, M.**, et al. (2019). Distribution of cracked boulders on (101955) Bennu: Searching for evidence of solar-induced thermal stress. *Lunar and Planetary Science Conference 2019*, no. 2132, id. 1457. <http://adsabs.harvard.edu/abs/2019LPI...50.1457D>
124. La Forgia, F., Magrin, S., Bertini, I., Lazzarin, M., **Pajola, M.**, et al. (2013). Photometric modeling of asteroids 2867-steins, 21-Lutetia surfaces, grain size estimate using Hapke's bidirectional reflectance. *European Planetary Science Congress 2013*, Id.EPSC2013-908, 8, 908. <http://adsabs.harvard.edu/abs/2013EPSC...8..908L>
125. La Forgia, F., Magrin, S., Bertini, I., Lazzarin, M., **Pajola, M.**, et al. (2012). Photometric analysis of asteroid (2867) Steins from Rosetta OSIRIS images. *Memorie Della Società Astronomica Italiana Supplementi*, 20, 15. <http://adsabs.harvard.edu/abs/2012MSAIS..20...15L>
126. Molaro, J., Delbo, M., Ballouz, R.L., Jawin, E., Walsh, K.J., **Pajola, M.**, et al. (2019). Fracture formation mechanisms on Bennu and evidence of thermally driven breakdown. *Lunar and Planetary Science Conference 2019*, no. 2132, id. 1597. <http://adsabs.harvard.edu/abs/2019LPI...50.1597M>
127. Jawin, E.R., Walsh, K.J., Barnouin, O.S., McCoy, T.J., Ballouz, R.L., Molaro, J.L., Delbo, M., **Pajola, M.**, et al. (2019). The geology of Bennu's biggest boulders. *Lunar and Planetary Science Conference 2019*, no. 2132, id. 1577. <http://adsabs.harvard.edu/abs/2019LPI...50.1577J>
128. Brucato, J.R., Poggiali, G., Ieva, S., Dotto, E., Perna, D., Fornaro, T., Mazzotta Epifani, E., **Pajola, M.** et al., (2018). Laboratory reflectance measurements of hydrated, anhydrous and oxide minerals at cryogenic temperatures in support of OSIRIS-REx spectroscopic data analysis. *AGU Fall Meeting Abstracts*, #P31H-3807, <http://adsabs.harvard.edu/abs/2018AGUFM.P31H3807B>
129. Perry, M.E., Barnouin, O.S., Jawin, E.R., Walsh, K.J., **Pajola, M.** et al. (2019). Topographic lineaments on Bennu. *Lunar and Planetary Science Conference 2019*, no. 2132, id. 2951. <http://adsabs.harvard.edu/abs/2019LPI...50.2951P>
130. Lauretta, D.S., et al., incl. **Pajola, M.** (2019). OSIRIS-REx arrives at asteroid (101955) Bennu: Exploration of a hydrated primitive near-Earth asteroid. *Lunar and Planetary Science Conference 2019*, no. 2132, id. 2608. <http://adsabs.harvard.edu/abs/2019LPI...50.2608L>
131. Schwartz, S.R., et al., incl. **Pajola, M.** (2019). What can the orientation of Bennu's boulders tell us about its evolution? *Lunar and Planetary Science Conference 2019*, no. 2132, id. 2595. <http://adsabs.harvard.edu/abs/2019LPI...50.2595S>
132. Bierhaus, E.B., et al., incl. **Pajola, M.** (2019). Asteroid (101955) Bennu's crater population: morphologies, size-frequency distribution, and consequences for surface age(s). *Lunar and Planetary Science Conference 2019*, no. 2132, id. 2496. <http://adsabs.harvard.edu/abs/2019LPI...50.2496B>

133. Nolan, M.C., et al., incl. **Pajola, M.** (2019). Comparing the RADAR shape model of (101955) Benu with ground truth from OSIRIS-REx. *Lunar and Planetary Science Conference 2019*, no. 2132, id. 2162. <http://adsabs.harvard.edu/abs/2019LPI....50.2162N>
134. Walsh, K.J., et al., incl. **Pajola, M.** (2019). Benu's global geology. *Lunar and Planetary Science Conference 2019*, no. 2132, id. 1898. <http://adsabs.harvard.edu/abs/2019LPI....50.1898W>
135. Ballouz, R.L., et al., incl. **Pajola, M.** (2019). Crater erasure on small bodies: Synthesizing dynamical surface processes in Benu's journey to near-Earth space. *Lunar and Planetary Science Conference 2019*, no. 2132, id. 1642. <http://adsabs.harvard.edu/abs/2019LPI....50.1642B>
136. Walsh, K.J. et al., incl. **Pajola, M.** (2018). Initial perspectives on surface geology of (101955) Benu including comparisons to (162173) Ryugu. *AGU Fall Meeting Abstracts*, #P22A-11, <http://adsabs.harvard.edu/abs/2018AGUFM.P22A..11W>
137. Bierhaus, B. et al., incl. **Pajola, M.** (2018). Crater population(s) on (101955) Benu, a B-type asteroid and target of the OSIRIS-REx Mission. *AGU Fall Meeting Abstracts*, #P22A-09, <http://adsabs.harvard.edu/abs/2018AGUFM.P22A..09B>
138. Schwartz, S.R. et al., incl. **Pajola, M.** (2018). A first look at Benu and Ryugu for signatures of formation in the arrangements of its surface features. *AGU Fall Meeting Abstracts*, #P21A-11, <http://adsabs.harvard.edu/abs/2018AGUFM.P21A..11S>
139. DellaGiustina, D. et al., incl. **Pajola, M.** (2018). First resolved images of asteroid (101955) Benu. *AGU Fall Meeting Abstracts*, #P21A-04, <http://adsabs.harvard.edu/abs/2018AGUFM.P21A..04D>
140. Lauretta, D.S. et al., incl. **Pajola, M.** (2018). OSIRIS-REx encounters Benu: Initial Assessment from the Approach Phase. *AGU Fall Meeting Abstracts*, #P21A-01, <http://adsabs.harvard.edu/abs/2018AGUFM.P21A..01L>

Earth & Moon:

141. **Pajola, M.**, Pozzobon, R., Lucchetti, A., Rossato, S., Baratti, E., et al. (2019). Size-frequency distribution of the ejected boulders surrounding the Linné crater (Moon). *Lunar and Planetary Science Conference 2019*, no. 2132, id. 1377. <http://adsabs.harvard.edu/abs/2019LPI....50.1377P>
142. Adami, S. et al., including **Pajola, M.** et al. (2012). An unconventional GIS-based method to assess landslide susceptibility using point data features. *EGU General Assembly Conference Abstracts*, pp. 10056. <http://adsabs.harvard.edu/abs/2012EGUGA..1410056A>

PUBLIC OUTREACH

- 03/06/2019 Federici High School, Trescore Balneario, Italy. 2 h talk with title: "Mars water history and the ESA/ExoMars Mission".
- 20/05/2019 Pint of Science, Padova, Italy. 1 h talk with title: "The OSIRIS-REx mission: Bringing back Earth samples from an asteroid".
- 20/05/2019 Quadri High School, Vicenza, Italy. 2 h talk with title: "The NASA OSIRIS-REx mission: Bringing back Earth samples from asteroid Benu".
- 30/01/2019 Quadri High School, Vicenza, Italy. 2 h talk with title: "Water on Mars: Implications for the future exploration of the Red Planet".
- 29/01/2019 Mediaset FocusTV – TV Program Focus: "Comets, messengers of the unknown".
- 07/12/2018 RAI Italia – TV Program RAINews 24: "The OSIRIS-REx arrives at asteroid Benu: the first scientific results".
- 05/12/2018 Astronomical Observatory of Nove, Vicenza, Italy. 2 h Public Conference with title: "NASA OSIRIS-REx: bringing back Earth samples from the surface of asteroid Benu".

- 29/11/2018 Accademia Olimpica di Vicenza, Vicenza, Italy. Public Conference with title: "Water on Mars".
- 27/11/2018 Sperimentando 2019 Project "Science for all", Severi High School, Padova, Italy. 3 h talk with title: "Water on Mars: what implications for future robotic and human exploration?".
- 21/11/2018 Astronomical Observatory of Nove, Vicenza, Italy. 2 h Public Conference with title: "Water on Mars: past, present and future exploration of the Red Planet".
- 15/11/2018 Associazione Due Mulini di Promozione Sociale – La Scienza in un Bicchiere, Castelfranco/Treviso, Italy. 2 h Public Conference with title: "Water on Mars: what implications for robotic and human exploration?".
- 12-16/11/2018 Il ViviPadova, 1 h public talk with title: "From the Astronomical Observatory of Padova to Mercury with BepiColombo". Astronomical Observatory of Padova, Italy.
- 13/10/2018 BergamoScienza Conference, Bergamo, Italy. 2 h Public Conference with title: "The NASA OSIRIS-Rex space mission: bringing back to Earth samples of Asteroid (101955) Bennu".
- 22/08/2018 RAI Italia – TV Program SuperQuark: "The OSIRIS-REx Mission, the Italian Partecipation"
- 28/09/2018 The Researchers' Night 2018 – INAF, Astronomical Observatory of Padova, Padova, Italy. 30 min Public Conference 30 min with title: "Padova vi porta su Marte: Paesaggi mozzafiato ripresi da CaSSIS".
- 16/05/2018 Quadri High School, Vicenza, Italy. 2 h talk with title: "The groundbreaking discoveries made through the Rosetta/OSIRIS high resolution images of comet 67P/Churyumov-Gerasimenko".
- 23/04/2018 Foscolo Middle/Elementary School, Arcugnano, Italy. 3 h talk with title: "The scientific results of the ESA/Rosetta mission and the Italian participation to the NASA OSIRIS-REx sample return mission".
- 06/03/2018 Sperimentando 2018 Project "The Science of Images", Severi High School, Padova, Italy. 3 h talk with title: "The ESA/Rosetta mission: scientific discoveries made through the Rosetta/OSIRIS high resolution images of comet 67P/Churyumov-Gerasimenko".
- 09/07/2017 Rainbow Mansion, Cupertino, California-USA. 2 h talk with title: "The Rosetta mission: orbiting and landing on a comet".
- 25/09/2015 Astronomical Observatory of Nove, Vicenza, Italy. 2 h Public Conference with title: "Rosetta: una missione epocale in orbita da 14 mesi attorno alla cometa 67P/Churyumov-Gerasimenko".
- 23/05/2015 Galleria Celeste, Vicenza, Italy. 1 h Public Conference with title: "Il satellite Phobos: un mistero marziano ancora irrisolto".

PUBLIC INTERVIEWS**ONLINE INTERVIEWS:****2019:**

- 21/05/2019 FOCUS
https://issuu.com/mondadoriscienza/docs/focus_edicola_def_320_giuqno
- 19/05/2019 CORRIERE DELLA SERA
https://www.corriere.it/scienze/19_marzo_19/sugli-asteroidi-bennu-ryugu-ingredienti-necessari-vita-7c8ca432-4a72-11e9-a7a3-5683e4dbacbc.shtml
- 19/05/2019 LA REPUBBLICA
https://www.repubblica.it/scienze/2019/03/19/news/sull_asteroide_bennu_ci_sono_gli_ingredienti_della_vita-222017147/
- 14/05/2019 LE STELLE

http://www.astronomianews.it/index.php?p=le_stelle&num=190

2018:

- 05/12/2018 COELUM
<http://www.coelum.com/news/osiris-rex-ha-raggiunto-bennu>
- 05/12/2018 METEO WEB
<http://www.meteoweb.eu/2018/12/missione-osiris-rex-asteroide-bennu/1189057/>
- 04/12/2018 GLOBAL SCIENCE
<https://www.globalscience.it/6550/cosmo/osiris-rex-ha-raggiunto-bennu/>
- 04/12/2018 MEDIA INAF
<http://www.media.inaf.it/2018/12/04/osiris-rex-arriva-a-bennu/>
- 03/12/2018 DIRE.IT
<http://www.dire.it/03-12-2018/268872-osiris-rex-pronta-ad-incontrare-bennu/>
- 03/12/2018 WIRED.IT
<https://www.wired.it/scienza/spazio/2018/12/03/osiris-rex-asteroide-bennu/>
- 22/08/2018 TRECCANI
http://www.treccani.it/magazine/atlanter/scienze/Osiris_Rex_la_missione_che_ci_regalera_un_pezzo_di_asteroide.html
- 22/08/2018 RAI SUPERQUARK RAIPLAY.IT
<https://www.raiplay.it/video/2018/08/2018-nello-spazio-22082018-46033447-4cb4-4a27-ad5a-c856cee3eb79.html>
- 27/07/2018 RAI RADIO 1
<https://www.raiplayradio.it/audio/2018/07/RADIO-ANCHaposiO-3463a319-2b5d-40cd-b93f-0e1710b9979b.html>
- 27/07/2018 IL BO LIVE UNIPD.IT
<https://ilbolive.unipd.it/it/news/marte-ecco-ricostruzione-3d-lago>
- 30/01/2018 SPACEECONOMY.IT
<http://www.spaceeconomy.it/2018/01/30/prossima-destinazione-bennu-la-nasa-punta-lasteroide-laiuto-tre-italiani/>
- 10/01/2018 DIRE.IT
<http://www.dire.it/10-01-2018/163674-nasa-chiama-italia-lo-scientziato-pajola-nel-team-della-missione-osiris-rex/>
- 09/01/2018 RADIO SCIENZA
<https://www.radioscienza.it/?s=Pajola>
- 09/01/2018 LIBERO 24X7
<http://247.libero.it/focus/43293045/2/nasa-chiama-italia-ancora-uno-scientziato-inaf-nel-team-osiris-rex/>
- 09/01/2018 GLOBAL SCIENCE
<https://globalscience.globalist.it/cosmo/articolo/2018/01/09/un-altro-italiano-per-osiris-rex-2017536.html>
- 09/01/2018 YAHOO NOTIZIE
<https://it.notizie.yahoo.com/nasa-chiama-italia-ancora-uno-scientziato-inaf-nel-154916655.html?guccounter=1>
- 09/01/2018 ITALIAN SPACE AGENCY
<https://www.asi.it/it/news/un-italiano-in-piu-per-osiris-rex>
- 09/01/2018 IL MESSAGGERO
https://www.ilmessaggero.it/tecnologia/scienza/maurizio_pajola_dell_inaf_nel_team_della_missione_osiris_rex-3473104.html
- 09/01/2018 MEDIA INAF
<http://www.media.inaf.it/2018/01/09/pajola-osiris-rex/>

2017:

- 08/12/2017 NASA.GOV
<https://www.nasa.gov/feature/goddard/2017/nasa-selects-participating-scientists-for-mission-to-asteroid-bennu>
- 08/12/2017 ASTEROIDMISSION.ORG
<https://www.asteroidmission.org/?latest-news=nasa-selects-participating-scientists-join-osiris-rex-mission>
- 21/03/2017 THE WASHINGTON POST
https://www.washingtonpost.com/news/science/wp/2017/03/21/scientists-captured-incredible-photographic-proof-of-a-landslide-on-a-comet/?utm_term=.b1020aec0e36

- 21/03/2017 THE NEW YORK TIMES
<https://www.nytimes.com/2017/03/23/science/rosetta-comet-67p-landslides-cliff-collapse.html>
- 21/03/2017 THE WALL STREET JOURNAL
https://www.wsj.com/articles/scientists-observe-massive-landslide-on-ducky-shaped-comet-1490106602?mod=rss_Technology
- 21/03/2017 THE GUARDIAN
<https://www.theguardian.com/science/2017/mar/21/comet-landslide-recorded-first-time-astronomers>
- 21/03/2017 BBC NEWS
<http://www.bbc.com/news/science-environment-39340800>
- 21/03/2017 THE UNIVERSITY HERALD
<http://www.universityherald.com/articles/70177/20170322/rosetta-comet-shows-changes-surface.htm>
- 21/03/2017 ITALIAN SPACE AGENCY
<http://www.asi.it/it/news/le-metamorfosi-di-67p>
- 21/03/2017 EUROPEAN SPACE AGENCY
http://www.esa.int/Our_Activities/Space_Science/Rosetta/Collapsing_cliff_reveals_comet_s_interior
- 21/03/2017 NASA.GOV
<https://www.nasa.gov/feature/jpl/the-many-faces-of-rosetta-s-comet-67p/>
- 21/03/2017 SPACE.COM
<http://www.space.com/36157-rosetta-comet-cliff-collapse-caused-outburst.html>
- 21/03/2017 ANSA.IT
http://www.ansa.it/canale_scienza_tecnica/notizie/spazio_astronomia/2017/03/21/rosetta-sulla-sua-cometa-lifting-e-esplosioni-dovute-a-frane-b2d75f7a-cc77-4239-97d8-b527156d3711.html
- 21/03/2017 CORRIERE DELLA SERA
http://www.corriere.it/notizie-ultima-ora/Scienza_e_salute/Rosetta-sua-cometa-lifting-esplosioni/22-03-2017/1-A_041597325.shtml
- 21/03/2017 LA STAMPA
<http://www.lastampa.it/2017/03/21/scienza/come-cambia-la-superficie-di-una-cometa-xThS7QOAVEbiiKMEZKPdH/pagina.html>
- 21/03/2017 LA REPUBBLICA
http://www.repubblica.it/scienze/2017/03/21/foto/frane_ghiaccio_massi_rotolanti_cosi_cambia_la_cometa_67_p-161070420/1/#1
- 21/03/2017 METEOWEB.IT
<http://www.meteoweb.eu/2017/03/21/astrologia-missione-rosetta-si-trasformata-la-superficie-della-cometa-67p/874076/>
- 21/03/2017 MEDIA INAF.IT
<http://www.media.inaf.it/2017/03/21/i-mille-volti-di-chury/>
- 21/03/2017 IL NORDEST QUOTIDIANO
<http://www.ilnordestquotidiano.com/ambiente/107-articoli-cronaca/cronaca-nordest/11652-rosetta-individua-sulla-sua-cometa-lifting-e-esplosioni-dovute-a-frane.html>
- 21/03/2017 CNR.IT
<https://www.cnr.it/en/news/7358/rosetta-osiris-e-le-nuove-scoperte-sui-cambiamenti-della-superficie-della-cometa>
- 21/03/2017 PADOVA OGGI
<http://www.padovaoggi.it/cronaca/pubblicate-scoperte-osiris-missione-spazio-rosetta.html>
- 21/03/2017 TACHYON BEAM
<http://tachyonbeam.com/2017/03/22/continui-cambiamenti-sulla-cometa-67pchuryumov-gerasimenko/>
- 21/03/2017 ORBITER
<https://orbiter.it/cms/rosetta-svela-linterno-della-cometa/>
- 21/03/2017 SALUTENEWS.IT
<http://www.saluteneWS.org/2017/03/21/missione-rosetta-esplosioni-e-frane-sulla-cometa-67pchuryumov-gerasimenko/>
- 21/03/2017 ASTRONOMIANEWS.IT
http://www.astronomianews.it/index.php?p=astro_news&pagenum=10
- 21/03/2017 FOCUS.IT
<http://www.focus.it/scienza/spazio/ecco-come-si-e-trasformata-la-superficie-della-cometa-67p>
- 21/03/2017 DER SPIEGEL
<http://www.spiegel.de/wissenschaft/weltall/komet-tschuri-naturgewalt-am-aswan-kliff-a-1139726.htm#ref=rss>
- 21/03/2017 EUROPA PRESS

- <http://www.europapress.es/ciencia/misiones-espaciales/noticia-eventos-estacionales-provocan-derrumbes-cometa-67p-20170321165209.html>
- 21/03/2017 PHYS.ORG
<https://phys.org/news/2017-03-rosetta-comet-orbiter-deep-space-landslide.html>
- 21/03/2017 SPACE DAILY
http://www.spacedaily.com/reports/Collapsing_cliff_reveals_comets_interior_999.html
- 21/03/2017 MIRROR
<http://www.mirror.co.uk/science/astronomers-record-first-ever-landslide-10073134>
- 21/03/2017 EUREKALERT!
https://www.eurekalert.org/pub_releases/2017-03/uom-baa032117.php
- 21/03/2017 WIRED.UK
<http://www.wired.co.uk/article/comet-landslide-trail-dust>
- 21/03/2017 SCIENCENEWS
<https://www.sciencenews.org/article/close-pass-sun-didnt-radically-alter-comet-67ps-landscape>
- 21/03/2017 SCIENTIFIC AMERICAN
<https://www.scientificamerican.com/article/comet-landslide-caught-in-action/>
- 21/03/2017 POPULAR SCIENCE
<http://www.popsoci.com/cliff-collapse-comet-67p-rosetta?dom=rss-default&src=syn>
- 21/03/2017 BUZZ FEED
https://www.buzzfeed.com/kellyoakes/would-you-like-to-see-a-landslide-on-a-comet?utm_term=.hiEViB0aa#.hoqalA7oo
- 21/03/2017 YAHOO NEWS
<https://uk.news.yahoo.com/crumbling-comet-great-debate-whether-143420718.html>
- 21/03/2017 THE CONVERSATION
<http://theconversation.com/crumbling-comet-the-great-debate-about-whether-rosetta-rock-67p-is-breaking-apart-74938>
- 21/03/2017 MY SCIENCE
https://www.myscience.org/wire/collapsing_cliff_reveals_comets_interior-2017-ESA
- 21/03/2017 INTERNATIONAL BUSINESS TIMES
<http://www.ibtimes.co.uk/rosetta-spacecraft-tracks-massive-landslide-comet-67p-1612893>
- 21/03/2017 MSN
<http://www.msn.com/en-in/news/techandscience/scientists-captured-incredible-photographic-proof-of-a-landslide-on-a-comet/ar-BByyz2W?i=AAges1&srcref=rss>
- 21/03/2017 SCHWEIZER RADIO UND FERNSEHEN
<http://www.srf.ch/news/panorama/rosetta-liefert-beweis-fuer-rasante-veraenderungen>
- 21/03/2017 SKY NEWS
<http://news.sky.com/story/rosetta-spacecraft-shows-landslide-on-comet-67p-10809940>
- 21/03/2017 IDAHO STATESMAN
<http://www.idahostatesman.com/living/article139922603.html>
- 21/03/2017 NANO WERK
<http://www.nanowerk.com/news2/space/newsid=46186.php>
- 21/03/2017 EL CIUDADANO
<http://www.elciudadano.cl/ciencia-tecnologia/astronomos-de-la-mision-rosetta-registran-por-primera-vez-un-derrumbe-en-el-cometa-67p/03/21/>
- 21/03/2017 STUFF.CO.NZ
<http://www.stuff.co.nz/southland-times/news/world-news/90712743/Scientists-capture-incredible-photographic-proof-of-a-landslide-on-a-comet>
- 21/03/2017 FORSKNING
<http://forskning.no/universet/2017/03/isskred-pa-komet-ga-utbrudd>
- 21/03/2017 THE DENVER POST
<http://www.denverpost.com/2017/03/22/cu-led-study-captures-proof-landslide-comet/>
- 21/03/2017 SKY NIGHTLY
http://www.spacedaily.com/reports/Collapsing_cliff_reveals_comets_interior_999.html
- 21/03/2017 STERNE UND WELTRAUM
<http://www.spektrum.de/news/erdrutsch-erzeugt-staubwolke-auf-komet-tschuri/1442931>
- 21/03/2017 TECH TIMES
<http://www.techtimes.com/articles/202682/20170322/rosetta-captures-landslide-on-comet-67p-for-first-time-ever.htm>

- 21/03/2017 SCIENCE NEWSLINE
<http://www.sciencenewsline.com/news/2017032214080067.html>
- 21/03/2017 BBC FOCUS SCIENCE & TECHNOLOGY
<http://www.sciencefocus.com/article/space/great-debate-about-whether-rosetta-rock-67p-breaking-apart>
- 21/03/2017 SCI NEWS
https://www.sci-news.com/space/collapsing-cliff-pristine-interior-67p-churyumov-gerasimenko-04721.html?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+BreakingScienceNews+%28Breaking+Science+News%29
- 21/03/2017 RED ORBIT
<http://www.redorbit.com/news/space/1113417694/rosetta-landslide-comet-space-science/>
- 21/03/2017 MADRID
<http://www.madrimasd.org/informacionidi/noticias/noticia.asp?id=68605&origen=RSS>
- 21/03/2017 SCITECH DAILY
<https://scitechdaily.com/astronomers-document-remarkable-changes-on-comet-67p/>
- 21/03/2017 RT NETWORK
https://actualidad.rt.com/actualidad/233904-cometa-derrumbe-acantilado-desvelar-interior?utm_source=rss&utm_medium=rss&utm_campaign=all
- 21/03/2017 COMPLEX
<http://www.complex.com/life/2017/03/scientists-photos-landslide-comet>
- 21/03/2017 RADIO-CANADA.CA
<http://ici.radio-canada.ca/nouvelle/1023780/comete-tchouri-surface-jets-effondrements>
- 21/03/2017 VOKRUGSVETA
<http://www.vokrugsveta.ru/news/269302/>
- 21/03/2017 SCIENCES ET AVENIR
https://www.sciencesetavenir.fr/espace/exploration/tchouri-un-glisement-de-terrain-a-l-origine-d-un-puissant-jet-de-poussieres_111522?xtor=RSS-9
- 21/03/2017 SPEKTRUM.DE
<http://www.spektrum.de/news/erdrutsch-erzeugt-staubwolke-auf-komet-tschuri/1442931>
- 21/03/2017 INDEX CROATIA
<http://www.index.hr/vijesti/clanak/foto-dramaticne-snimke-otkrile-tajnu-nastanka-repova-kometa/958366.aspx>
- 21/03/2017 WINNIPEG FREE PRESS
<http://www.winnipegfreepress.com/world/boulders-rolling-cliffs-collapsing-417852803.html>
- 21/03/2017 NATURE
<http://www.nature.com/nature/journal/v543/n7647/full/543593c.html>
- 21/03/2017 ASTROBITES.ORG
<https://astrobites.org/2017/05/11/icy-quake-y-comet/>
- 21/03/2017 THE LANDSLIDE.BLOG
<http://blogs.aqu.org/landslideblog/2017/03/22/comet-67p/>
- 21/03/2017 CENTAURI DREAMS
https://www.centauri-dreams.org/?p=37361&utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+centauri-dreams%2Ffeepu+%28Centauri+Dreams%29
- 21/03/2017 ZME SCIENCE
http://www.zmescience.com/science/news-science/landslide-comet/?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+zmescience+%28ZME+Science%29
- 21/03/2017 AGU BLOGOSPHERE
<http://blogs.aqu.org/landslideblog/2017/03/22/comet-67p/>
- 2016:**
- 17/06/2016 EUROPEAN SPACE AGENCY
<http://blogs.esa.int/rosetta/2016/06/24/cometwatch-17-june/>
- 2015:**
- 09/11/2015 EUROPEAN SPACE AGENCY
<http://blogs.esa.int/rosetta/2015/11/09/a-fall-of-comet-dust-and-a-field-of-boulders/>

2014:

- 07/11/2014 SPACE.COM
<http://www.space.com/27686-rosetta-comet-dark-side-photos.html>
- 07/11/2014 ASTRONOMY.COM
<http://www.astronomy.com/news/2014/11/rosetta-the-dark-side-of-the-comet/>
- 06/11/2014 UNIVERSETODAY.COM
<http://www.universetoday.com/116026/how-dust-lightens-up-the-dark-side-of-rosettas-comet/>
- 06/11/2014 PHYS.ORG
<http://phys.org/news/2014-11-rosetta-dark-side-comet.html>
- 06/11/2014 INAF-ITALY
<http://www.media.inaf.it/2014/11/06/the-dark-side-of-the-comet/>
- 06/11/2014 ITALIAN SPACE AGENCY
http://www.asi.it/it/news/il_lato_oscuo_della_cometa
- 15/01/2014 SPACE.COM
<http://www.space.com/24285-mars-moon-phobos-captured-asteroid.html>
- 24/11/2013 NEWSAPACE.COM
<http://newspace.com/2013/11/24/asteroid-origin-martian-moon-supporting-evidence-found/>
- 21/11/2013 ANTARANEWS.COM
<http://www.antaraneWS.com/berita/406055/peneliti-ungkap-bukti-baru-tentang-asal-bulan-mars>
- 20/11/2013 INSIDESCIENCE.ORG
<http://www.insidescience.org/content/new-evidence-supports-asteroid-origi-n-martian-moon/1496>
- 29/03/2013 SPACE TV
http://www.dailymotion.com/video/xykjya_space-tv-maurizio-pajola-phobos_tech
- 29/03/2013 SPACE TV
http://www.dailymotion.com/video/xykj1w_space-tv-maurizio-pajola-marte-in-3d_tech
- 28/03/2013 SPACE TV
http://www.dailymotion.com/video/xyjixx_space-tv-maurizio-pajola-missione-rosetta_tech
- 28/03/2013 SPACE TV
http://www.dailymotion.com/video/xyjixl_space-tv-maurizio-pajola-marte_tech

PRINTED INTERVIEWS:**2019:**

- 01/05/2019 La Stampa, TuttoScienze, 1 Maggio 2019. Noi, i tre esploratori dell'asteroide Bennu andremo a caccia dei mattoni della vita.

2018:

- 19/09/2018 La Stampa, TuttoScienze, 19 Settembre 2018. Quei primordiali spray di calcio e magnesio. L'odissea di Alice e Maurizio tra i crateri di Mercurio.
- 29/08/2018 La Repubblica, RLAB, 29 Agosto 2018. I minatori con la tuta da astronauta.
- 29/08/2018 Spazio Magazine, Associazione per la Divulgazione Astronomica e Astronautica, N°2/2018. Crolli di pareti cometary sulla 67P Churyumov-Gerasimenko.
- 23/08/2018 Sette – Corriere della Sera, 23 Agosto 2018. Questa estate tutti a caccia di asteroidi.
- 24/01/2018 La Stampa, TuttoScienze, 24 Gennaio 2018. In tre a cavallo dell'asteroide sulle tracce della vita.

2017:

- 21/03/2017 La Stampa, TuttoScienze, 21 Marzo 2017. Come cambia la superficie di una cometa?
- 05/01/2017 Astronomia, la rivista dell'Unione Astrofili Italiani: Prossima Destinazione Marte.

ATTENDANCE AT CONFERENCES

- 10-14/12/2018 Washington DC, USA. American Geophysical Union 2018.
- 30-31/10/2018 Bruxelles, European Space Operation Centre, Germany. Exomars Full Team Meeting 2018.
- 23-26/09/2018 Bern, Switzerland. CaSSIS Full Team Meeting 2018.
- 16-21/09/2018 Berlino-Germany. European Planetary Science Congress 2018.
- 14-22/7/2018 Pasadena, California-USA. COSPAR 42nd Assembly 2018.
- 02-04/7/2019 Darmstadt, European Space Operation Centre, Germany. Exomars Full Team Meeting 2018.
- 19-23/3/2018 Houston, Texas-USA. Lunar and Planetary Science Conference 2018.
- 19-21/02/2018 Padova, Italy. CaSSIS Full Team Meeting 2018.
- 05-09/02/2018 Bormio, Italy. XIV National Congress on Planetary Sciences.
- 22-24/11/2017 Darmstadt, European Space Operation Centre, Germany. Exomars Full Team Meeting 2017.
- 17-22/09/2017 Riga-Latvia. European Planetary Science Congress 2017.
- 23-28/4/2017 Wien, Austria. European Geosciences Union General Assembly 2017.
- 20-24/3/2017 Houston, Texas-USA. Lunar and Planetary Science Conference 2017.
- 12-16/12/2016 San Francisco, California-USA. American Geophysical Union 2016.
- 01-04/11/2016 Goettingen, Germany. OSIRIS Full Team Meeting 2016.
- 16-21/10/2016 Pasadena, California, USA. Joint DPS-EPSC 2016 Congress.
- 20-22/07/2016 AMES Research Center-Mountain View, California. NASA Exploration Science Forum 2016.
- 18-19/7/2016 AMES Research Center-Mountain View, California. 3rd International Conference on the Exploration of Phobos and Deimos.
- 27-1/7/2016 Paris, France. OSIRIS Full Team Meeting 2016.
- 24-25/6/2016 Bern, Switzerland. CaSSIS First Full Team Meeting 2016.
- 22/6/2016 Florence, Italy. 3rd IEEE International Workshop on Metrology for AeroSpace.
- 21-23/3/2016 Bern, Switzerland. ISSI Meeting on "Physical Properties of cometary nuclei assessed from the development of 67P CG's activity".
- 01-02/3/2016 European Space Astronomy Centre (ESAC), Madrid, Spain. AIM First Science Meeting.
- 23-26/2/2016 Ringberg, Germany. OSIRIS Full Team Meeting 2016.
- 14-18/12/2015 San Francisco, California-USA. American Geophysical Union 2015.
- 27/10-04/11/2015 Nantes, France. European Planetary Science Congress 2015.
- 04-06/08/2015 Monrovia, California. Second Mars 2020 Landing Site Workshop.
- 21-23/07/2015 AMES Research Center-Mountain View, California. NASA Exploration Science Forum 2015.
- 07-10/07/2015 Goettingen, Germany. OSIRIS Full Team Meeting 2015.

- 12-17/04/2015 Wien, Austria. European Geosciences Union General Assembly 2015.
- 16-21/02/2015 Granada, Spain. OSIRIS Full Team Meeting 2015.
- 01-06/02/2015 Bormio, Italy. XII National Congress on Planetary Sciences.
- 15-19/12/2014 San Francisco, California-USA. American Geophysical Union 2014.
- 06-10/10/2014 Goettingen, Germany. OSIRIS Full Team Meeting 2014.
- 07-12/09/2014 Estoril-Lisbon Portugal. European Planetary Science Congress 2014.
- 21-24/07/2014 AMES Research Center-Mountain View, California. NASA Exploration Science Forum 2014.
- 14-19/07/2014 CALTECH-Pasadena, California. Eighth International Conference on Mars.
- 06-09/05/2014 Goettingen, Germany. OSIRIS Full Team Meeting 2014.
- 27/04-02/05/2014 Wien, Austria. European Geosciences Union General Assembly 2014.
- 26-28/03/2014 European Space Astronomy Centre (ESAC), Madrid, Spain. ExoMars 2018 First Landing Site Selection Workshop. (Presentation of the Simud Vallis Proposal, *Pajola et al.*).
- 09-13/12/2013 San Francisco, California-USA. American Geophysical Union 2013.
- 06-08/11/2013 Padova, Italy. OSIRIS Full Team Meeting 2013.
- 08-13/10/2013 London, UK. European Planetary Science Congress 2013.
- 26/04/2013-09/10/2013 Jet Propulsion Laboratory – CALTECH meetings and seminars.
- 27/02-07/03/2013 Asiago Astrophysical Observatory – Italy. Tutor at the Winter School on Very High Time and Space Resolution Astrophysics.
- 03-08/02/2013 Bormio, Italy. XI National Congress on Planetary Sciences.
- 25/05/2012-13/12/2012 Jet Propulsion Laboratory – CALTECH meetings and seminars.
- 09-10/06/2011 European Space Research Institute (ESRIN) Frascati, Italy. Scientific and technological aspects of a sample return mission to a Near Earth Asteroid: the ESA Cosmic Vision M3 mission MarcoPolo-R.
- 17-22/04/2011 L'Aquila-Italy. International School of Space Science, ISSS. PhD School "Frontiers of Space Science: from Solar Activity to NEOs".
- 11-15/04/2011 INFN National Laboratory of Legnaro, Padova. PhD School "Detectors and Electronics for high Energy Physics, Astrophysics, Space Applications and Medical Physics".
- 01-02/03/2011 Paris Observatory, France. OSIRIS Science Meeting about Lutetia.
- 17-21/01/2011 Bormio, Italy. X National Congress on Planetary Sciences.