

## REFERRED PUBLICATIONS

- **2018**

**R1.** Ferrari, S., Penasa, L., La Forgia, F., Massironi, M., Naletto, G., Lazzarin, M., Fornasier, S., Hasselmann, P.H, Lucchetti, A., Pajola, M., Ferri, F., **Cambianica, P.**, 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*, Volume 479, Issue 2, p.1555-1568.  
<https://academic.oup.com/mnras/article-abstract/479/2/1555/5042950?redirectedFrom=fulltext>

- **2019**

**R2.** **Cambianica, P.**, Cremonese, G., Naletto, G., et al. (2019). Quantitative analysis of isolated boulder fields on comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*, Volume 630, id.A15, 15 pp.  
<https://www.aanda.org/articles/aa/abs/2019/10/aa34775-18/aa34775-18.html>

**R3.** Lucchetti, A., Penasa, L., Pajola, M., Massironi, M., Brunetti, M.T., Cremonese, G., Ookay, N., [...], **Cambianica, P.**, et al. (2019). The rocky-like behavior of cometary landslides on 67P/Churyumov-Gerasimenko. *Geophysical Research Letters*, Volume 46, Issue 24, pp. 14,336-14,346.  
 DOI: [10.1029/2019GL085132](https://doi.org/10.1029/2019GL085132)

**R4.** Tognon, G., Ferrari, S., Penasa, L., La Forgia, F., Massironi, M., Naletto, G., Lazzarin, M., **Cambianica, P.**, et al. (2019). Spectrophotometric variegation of the layering in comet 67P/Churyumov-Gerasimenko as seen by OSIRIS. *Astronomy & Astrophysics*, Volume 630.  
<https://www.aanda.org/articles/aa/abs/2019/10/aa34884-18/aa34884-18.html>

**R5.** Pajola, M., incl. **Cambianica, P.**, et al. (2019). Multidisciplinary analysis of the Hapi region located on Comet 67P/Churyumov-Gerasimenko. *Monthly Notices of the Royal Astronomical Society*, Volume 485, Issue 2, p.2139-2154.  
<https://academic.oup.com/mnras/article-abstract/485/2/2139/5371141?redirectedFrom=fulltext>

**R6.** Bertini, I., incl. **Cambianica, P.**, et al. (2019). The backscattering ratio of comet 67P/Churyumov-Gerasimenko dust coma as seen by OSIRIS onboard Rosetta. *Monthly Notices of the Royal Astronomical Society*, Volume 482, Issue 3, p.2924-2933.  
<https://academic.oup.com/mnras/article-abstract/482/3/2924/5142315?redirectedFrom=fulltext>

- **2020**

**R7.** **Cambianica, P.**, et al. (2020). Time evolution of dust deposits in the Hapi region of comet 67P/Churyumov-Gerasimenko. *Astronomy & Astrophysics*. Volume 636, id. A91, 13 pp.  
 DOI: [10.1051/0004-6361/202037485](https://doi.org/10.1051/0004-6361/202037485)

**R8.** Cremonese, G., Fulle, M., **Cambianica, P.**, et al. (2020). Dust environment model of the interstellar comet 2I/Borisov. *The Astrophysical Journal Letters*, Volume 893, Issue 1, id.L12, 6 pp.  
 DOI: [10.3847/2041-8213/ab8455](https://doi.org/10.3847/2041-8213/ab8455)

- **2021**

**R9.** Gassot, O., Panicucci, P., Acciarini, G., Bates, H., Caballero, M., **Cambianica, P.** et al (2021). Calathus: A sample-return mission to Ceres. January 2021, *Acta Astronautica* 181(1):112-119.  
 DOI: [10.1016/j.actaastro.2020.12.050](https://doi.org/10.1016/j.actaastro.2020.12.050)

## INTERNATIONAL ABSTRACTS

- **2015**

**IA1.** Lucchetti, A., Cremonese, G., **Cambianica, P.**, Daubar, I., McEwen, A. S., Re, C. (2015). Numerical Modelling and Ejecta Distribution Analysis of a Martian Fresh Crater. *American Geophysical Union, Fall Meeting 2015*, abstract id.P53D-2152

**IA2.** Cremonese, G., Borin, P., **Cambianica, P.**, Lucchetti, A., Daubar, I., McEwen, A. S., Marzari, F. (2015). New Impactor Flux Estimate on Mars and Its Application on Fresh Craters. *Bridging the Gap III: Impact Cratering In Nature, Experiments, and Modeling*, held 21-26 September, 2015 at University of Freiburg, Germany. LPI Contribution No. 1861, p.1044.

- **2018**

**IA3.** **Cambianica, P.**, et al. (2018). Thermal analysis of boulders on the 67P/Churyumov-Gerasimenko comet. *European Planetary Science*

Congress 2018, held 16-21 September 2018 at TU Berlin, Berlin, Germany, id.EPSC2018-267.

**IA4.** Simioni, E., Re, C., Mudrich, T., Pajola, M., Lucchetti, A., Pozzobon, R., **Cambianica, P.**, et al. (2018). 3DPD application to the first CaSSIS DTMs. European Planetary Science Congress 2018, held 16-21 September 2018 at TU Berlin, Berlin, Germany, id.EPSC2018-380.

**IA5.** Ferrari S., Feller, C., Massironi, M., Penasa, L., **Cambianica, P.** Naletto, G., Fornasier, S. (2018). Geomorphological units of Khepy and Imhotep regions of comet 67P/Churyumov-Gerasimenko. European Planetary Science Congress 2018, held 16-21 September 2018 at TU Berlin, Berlin, Germany, id.EPSC2018-927

- **2019**

**IA6.** Acciarini, G., Bates, H., Berge, N., Caballero, M., **Cambianica, P.**, et al (2019). SAMPLE RETURN FROM A RELIC OCEAN WORLD: THE CALATHUS MISSION TO OCCATOR CRATER, CERES. International Planetary Probe Workshop 2019, Oxford, UK.

**IA7.** Vincent, J.B., Birch, S., Hayes, A., Zacny, K., Oklay, N., **Cambianica, P.** (2019). Bouncing boulders on comet 67P. EPSC-DPS Joint Meeting 2019, held 15–20 September 2019 at Centre International de Conférences de Genève (CICG), Geneva, Switzerland.

- **2020**

**IA8.** **Cambianica, P.**, Cremonese, G., Fulle, M., et al. (2020). Long-term measurements of the erosion and accretion of dust deposits on comet 67P/Churyumov-Gerasimenko with the OSIRIS instrument. 14th Europlanet Science Congress 2020, held virtually, 21 September 2020 - 9 October, 2020. Online at <https://www.epsc2020.eu/>, id. EPSC2020-724

**IA9.** Cremonese, G., Fulle, M., **Cambianica, P.**, et al. (2020), Dust tail observation and modeling of the interstellar comet 2I/Borisov. 14th Europlanet Science Congress 2020, held virtually, 21 September 2020 - 9 October, 2020. Online at <https://www.epsc2020.eu/>, id. EPSC2020-903.

**IA10.** Munaretto, G., Pajola, M., Lucchetti, A., Re, C., Cremonese, G., Simioni, E., **Cambianica, P.** (2020). Topographic correction of HiRISE and CaSSIS images: validation and application to multi-band photometry of Martian recurring slope lineae

**IA11.** Lazzarotto, F., Cremonese, G., Lucchetti, A., Re, C., Simioni, E., Pajola, M., **Cambianica, P.**, Munaretto, G. (2020). High Quality Software for Planetary Science from Space. XVI Congresso Nazionale di Scienze Planetarie (National Conference on Planetary Sciences) held at Centro Culturale San Gaetano, via Altinate, 71, Padova, Italy on 3-7 February, 2020.