
Sonia Fornasier : Liste des publications/Publications list

1	Sonia Fornasier : LISTE DES PUBLICATIONS /PUBLICATION LIST	3
1.1	Chapitres de livres/Books chapters	3
1.2	Publications dans des revues à comité de lecture/Publications in peer-reviewed journals	4
1.2.1	En premier auteur/As first author	4
1.2.2	Articles dans des revues prestigieuses/Articles published in prestigious journals	6
1.2.3	Articles des étudiants encadrés/co-encadrés en thèse/Articles from supervised PhD students	10
1.2.4	Articles à comité de lecture (en ordre chronologique)/Articles in peer-reviewed journals (chronological order)	11
1.3	Livres de vulgarisation scientifique/Popular science books	32
1.4	Présentations invitées en conférences et congrès/Invited talks at conferences	32
1.5	Proceedings & reports	35
1.6	Présentations orales aux congrès/Oral talks at conferences	39
1.6.1	Posters	54

Sonia Fornasier : LISTE DES PUBLICATIONS
/PUBLICATION LIST

Résumé	Depuis début de carrière	Dont ces 10 dernières années	Dont ces 5 dernières années
Nombre de publications dans des revues à comité de lecture	266 (27 en 1 ^{er} auteur)	203	138
Nombre de publications dans des revues prestigieuses (Nature, Science, Nat. Astron. ...)	26	23	16
Nombre de publications dans d'autres revues scientifiques	35	34	1
Chapitres de livres	6	4	4
Nombre de conférences invitées	39	33	17

1.1. Chapitres de livres/Books chapters

- Küppers, M., Keller, H. U., **Fornasier, S.**, Gutierrez, P. J., Hviid, S. F., Jorda, L., Knollenberg, J., Lowry, S. C., Rengel, M., Observations of Comet 9P/Tempel 1 and Deep Impact by the OSIRIS Cameras onboard Rosetta, 2009. Deep Impact as a World Observatory Event : Synergies in Space, Time, and Wavelength, Eso Astrophysics Symposia. ISBN 978-3-540-76958-3. Springer Berlin Heidelberg, 2009, p. 29-39

- Barbieri C, **Fornasier S.**, Cremonese G., Bertini I., Fulle M., Magazzù A., 2004. Observations of the new Rosetta targets. In : "The New Rosetta Targets. Observations, Simulations and Instrument Performances. Edited by Luigi Colangeli , Elena Mazzotta Epifani , Pasquale Palumbo. Astrophysics and Space Science Library Volume 311. ISBN 1-4020-2572-6 (HB) , ISBN 1-4020-2573-4 (e-book). Published by Kluwer Academic Publishers, Dordrecht, 2004, p.53-61

- **Fornasier S.**, 2017. Seasonal and diurnal color and compositional variations of the 67P/Churyumov Gerasimenko nucleus. In *From Giotto to Rosetta, 30 years of cometary science*. Edited by C. Barbieri and C.G. Smeda. EAN : 9788898216055. Published by The Galilean Academy of Science, Humanities and Arts, Univ. of Padova

- Mueller, T., Lellouch, E., **Fornasier S.**, 2019. Transneptunians objects and Centaurs at thermal wavelength. In *The Trans-Neptunian Solar System*, Edited by Dina Prialnik, Maria Antoinetta Barucci, Leslie Young. ISBN : 9780128164907. Elsevier, 2020., p.153-181
- Barucci M.A., Dalle Ore C., **Fornasier S.**, 2021. Kuiper Belt as the Context for Pluto. In the book : *Pluto after New Horizon*, Space Science Series book, University of Arizona Press, Tucson, Stern, S. A., Young, L. A., Moore, J. M., Grundy, W. M., Binzel, R. P., (Eds.), pp 21-52, doi :10.2458/azu_uapress_9780816540945-ch003
- Barucci M.A., **Fornasier, S.**, 2021. Kuiper Belt. Contribution pour *Encyclopedia of Astrobiology*, Gargaud, Amils, Cernicharo, Cleaves, Irvine, Pinti and Viso Eds. Springer-Verlag Berlin Heidelberg, part of Springer Nature 2022, DOI : 10.1007/978-3-642-27833-4_854-4
- Barucci M.A., **Fornasier, S.**, 2021. Trojans (Asteroids). Contribution pour *Encyclopedia of Astrobiology*, Gargaud, Amils, Cernicharo, Cleaves, Irvine, Pinti and Viso Eds., Springer-Verlag Berlin Heidelberg, part of Springer Nature 2022, DOI : 10.1007/978-3-642-27833-4_1615-2
- Filacchione, G., Ciarniello, M, **Fornasier, S.**, Raponi, A., 2022. COMET NUCLEI COMPOSITION AND EVOLUTION, for COMETS III book, University of Arizona Press, Karen Mech, Mike Combi e Richard Binzel (Eds), chapitre sous revision.

1.2. Publications dans des revues à comité de lecture/Publications in peer-reviewed journals

1.2.1. En premier auteur/As first author

1. **Fornasier S.**, Lazzarin M., Barbieri C., Barucci M. A., 1999. Spectroscopic comparison of aqueous altered asteroids with CM2 carbonaceous chondrite meteorites. *Astronomy and Astrophysics S. S.*, 135, 65-73.
2. **Fornasier S.**, Lazzarin M., 2001. E-Type Asteroids : Spectroscopic Investigation on the 0.5 micron Absorption Band. *Icarus*, 152, 127-133.
3. **Fornasier S.**, Barucci M.A., Binzel R.P., Birlan M., Fulchignoni M., Barbieri C., Bus S.J., Harris A.W., Rivkin A.S., Lazzarin M., Dotto E., Michalowski T., Doressoundiram A., Bertini I., Peixinho N., 2003. A portrait of 4979 Otawara, target of the Rosetta Space Mission. *Astronomy and Astrophysics* , 398, 327-333
4. **Fornasier S.**, Doressoundiram A., Tozzi G.P., Barucci M.A., Boehnhardt H., de Bergh C., Delsanti A., Davies J., Dotto E., 2004. ESO Large Program on Physical Studies of Trans-Neptunian Objects and Centaurs : final results of the visible spectroscopic observations. *Astronomy and Astrophysics* , 421, 353-363.
5. **Fornasier S.**, Dotto E., Barucci M.A., Barbieri, C., 2004. Water ice on the surface of the large TNO 2004 DW, *Astronomy and Astrophysics* , 422, L43-L46.
6. **Fornasier S.**, Dotto E., Marzari F., Barucci M.A., Boehnhardt H., Hainaut O., de Bergh, C., 2004. Visible spectroscopic and photometric survey of L5 Trojans : investigation of dynamical families. *Icarus*, 172, 221-232
7. **Fornasier S.**, Belskaya I., Fulchignoni M., Barucci M. A., Barbieri C., 2006. First albedo determination of 2867 Steins, target of the Rosetta mission. *Astron. Astrophys*, 449, L9-L12
8. **Fornasier S.**, Belskaya I., Shkuratov Yu.G, Pernechele C., Barbieri C., Giro E., Navasardyan H., 2006. Polarimetric survey of asteroids with the Asiago telescope. *Astron. Astrophys*, 455, 371-377

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11. **Fornasier, S.**, Migliorini, A., Dotto, E., Barucci M.A., 2008. Visible and near infrared spectroscopic survey of E-type asteroids, including 2867 Steins, a target of the Rosetta mission. *Icarus* 196, 119-134
12. **Fornasier S.**, Barucci A., De Bergh C. et al., 2009. Visible spectroscopy of the new ESO large programme on trans-Neptunian objects and Centaurs : final results. *Astronomy and Astrophysics* 508, 457-465
13. **Fornasier S.**, Clark B. E., Dotto E., Migliorini A., Ockert-Bell Maureen E., Barucci A., 2010. Spectroscopic survey of M-type asteroids. *Icarus* 210, pp. 655-673
14. **Fornasier S.**, Clark B. E., Dotto E., 2011a. Spectroscopic survey of X-type asteroids. *Icarus* 214, 131-146.
15. **Fornasier S.**, Mottola S., Barucci M. A., Sierks H., Hviik S., 2011b. Photometric observations of asteroid 4 Vesta by the OSIRIS cameras onboard the Rosetta spacecraft. *Astronomy and Astrophysics* 533, L9., 5 pp.
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17. **Fornasier, S.**, Lazzaro, D., Alvarez-Candal, A., Snodgrass, C., Tozzi, G. P., Carvano, J. M., Jiménez-Teja, Y., Silva, J. S., Bramich, D. M., 2014b. The Centaur 10199 Chariklo : investigation into rotational period, absolute magnitude, and cometary activity. *Astronomy and Astrophysics* 568, id.L11, 5 pp
18. **Fornasier, S.**, Lantz C., Barucci M.A., Lazzarin, M., 2014. Aqueous alteration on main belt asteroids : results from visible spectroscopy. *Icarus*, 233, 163-178.
19. **Fornasier, S.**, Belskaya, I. N., Perna, D., 2015. The potentially hazardous Asteroid (214869) 2007 PA8 : An unweathered L chondrite analog surface. *Icarus* 250, p. 280-286
20. **Fornasier S.**, Hasselmann P. H., Barucci M.A., Feller C., Besse S., Leyrat C., Lara L. M., Gutiérrez P. J., Oklay N., Tubiana C., Scholten F., Sierks H., Barbieri C., Lamy P. L., Rodrigo R., Koschny D., Rickman H., Keller H. U., Agarwal J., A'Hearn M. F., Bertaux J.-L., Bertini I., Cremonese G., da Deppo V., Davidsson B., Debei S., de Cecco M., Fulle Marco, Groussin O., Güttler C., Hviid S. F., Ip W.-H., Jorda L., Knollenberg J., Kovács G., Kramm R., Kührt E., Küppers M., La Forgia F., Lazzarin M., López-Moreno J. J., Marzari F., Matz K.-D., Michalik H., Moreno F., Mottola S., Naletto G., Pajola M., Pommerol A., Preusker F., Shi X., Snodgrass C., Thomas N., Vincent J. B. Spectrophotometric properties of the nucleus of comet 67P/Churyumov-Gerasimenko from the OSIRIS instrument onboard the ROSETTA spacecraft. *Astronomy and Astrophysics*, 2015, vol. 583, A30
21. **Fornasier S.**, Lantz, C., Perna, D., Campins, H., Barucci, M. A., Nesvorny, D., 2016, Spectral variability on primitive asteroids of the Themis and Beagle families : space weathering effects or parent body heterogeneity ? *Icarus* 269, 1-14

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23. **Fornasier S.**, Feller, C., Lee, J.-C., Ferrari, S., Massironi, M., Hasselmann, P. H., Deshapriya, J. D. P., Barucci, M. A., El-Maarry, M. R., Giacomini, L., and 44 coauthors, 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, Volume 469, S93-S107
24. **Fornasier, S.**, Hoang, V. H., Hasselmann, P. H., Feller, C., Barucci, M. A., Deshapriya, J. D. P., Sierks, H., Naletto, G., Lamy, P. L., Rodrigo, R., Koschny, D., Davidsson, B., Agarwal, J., Barbieri, C., Bertaux, J.-L., Bertini, I., Bodewits, D., Cremonese, G., Da Deppo, V., Debei, S., De Cecco, M., Deller, J., Ferrari, S., Fulle, M., Gutierrez, P. J., Guttler, C., Ip, W.-H., Keller, H. U., Küppers, M., La Forgia, F., Lara, M. L., Lazzarin, M., Lin, Z-Y, Lopez Moreno, J. J., Marzari, F., Mottola, S., Pajola, M., Shi, X., Toth, I., Tubiana, C., 2019. Linking surface morphology, composition, and activity on the nucleus of 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics 630, id.A7, 26 pp.
25. **Fornasier, S.**, Feller, C., Hasselmann, P.H., Barucci, M.A., Sunshine, J., et al. 2019. Surface evolution of the Anhur region on comet 67P/CG from high resolution OSIRIS images. Astronomy and Astrophysics, Volume 630, id.A13, 18 pp.
26. **Fornasier, S.**, Hasselmann, P. H., Deshapriya, J. D. P., Barucci, M. A., Clark, B. E., Praet, A., Hamilton, V. E., Simon, A., Li, J. -Y., Cloutis, E. A., Merlin, F., Zou, X.-D., Lauretta, D. S., 2020. Phase reddening on asteroid Bennu from visible and near-infrared spectroscopy. Astronomy and Astrophysics, Volume 644, id.A142, 15 pp.
27. **Fornasier, S.**, Bourdelle de Micas, J., Hasselmann, P. H., Hoang, H. V., Barucci, M.A., Sierks, H., 2021. The small lobe of comet 67P : characterization of the Wosret region with ROSETTA-OSIRIS. Astronomy and Astrophysics 653, id.A132, 14 pp

1.2.2. Articles dans des revues prestigieuses/Articles published in prestigious journals

- **Fornasier S.**, S. Mottola , H.U. Keller, M.A. Barucci, B. Davidsson , C.Feller, J.D.P. Deshapriya , H. Sierks, et al., 2016. Rosetta’s comet 67P/Churyumov-Gerasimenko sheds its dusty mantle to reveal its icy nature. **Science** 354, pp. 1566-1570. (énuméré à l’item #22)
28. Kuppens M., Bertini I., **Fornasier S.**, Gutierrez P., Hviid S., Jorda L., Keller H. U., Knollenberg J., Koschny D., Kramm R., Lara L. M., Sierks H., Thomas T., Barbieri C., Lamy P., Rickman H., Rodrigo R., 2005. Evidence for a Large Dust/Ice Ratio in the Nucleus of Comet 9P/Tempel 1. **Nature** 437, 987-990.
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- S., Vernazza, P., 2010. E-Type Asteroid (2867) Steins as Imaged by OSIRIS on Board Rosetta. **Science**, 2010, vol. 327, 190-193
30. Sierks H., Lamy P., Barbieri C.,...**Fornasier S.**, et al., 2011. Images of Asteroid 21 Lutétia : A Remnant Planetesimal from the Early Solar System. **Science** 334, 487
31. F. Capaccioni, A. Coradini, G. Filacchione, S. Erard, G. Arnold, ... **S. Fornasier**,... et 30 co-auteurs, 2015. The organic-rich surface of comet 67P/Churyumov-Gerasimenko as seen by VIRTIS/Rosetta. **Science** 347, no. 6220
32. Rotundi, A., Sierks, H., Della Corte, V., Fulle, M., P.J., Gutierrez,**S. Fornasier**,... et 55 co-auteurs, 2015. Dust measurements in the coma of comet 67P/Churyumov-Gerasimenko inbound to the Sun. **Science**, 347, no. 6220
33. Thomas, N., Sierks, H., Barbieri,C., Lamy,P., Rodrigo, R., Rickman, H., Koschny, D., Keller, H.U., Agarwal, J., A'Hearn, M., Angrilli, F., Auger, A.T., Barucci, M.A., Bertaux, J.L., Bertini, I., Besse, S., Bodewits, D., Cremonese, G., Da Deppo, V., Davidsson, B., De Cecco, M., Debei, S., El-Maarry, M., Ferri, F., **Fornasier, S.**,...et autre 34 auteurs, 2015. The morphological diversity of comet 67P/Churyumov-Gerasimenko. **Science**, 347, no. 6220
34. Sierks H., Barbieri C., Lamy L., Rodrigo R., Koschny D., Rickman H., Keller H.U., Agarwal J., A'Hearn M., Angrilli F., Auger A.T., Barucci M.A., Bertaux J.L, Bertini I., Besse S., Bodewits D., Capanna C., Cremonese G., Da Deppo V., Davidsson B., Debei S., De Cecco M., Ferri F., **Fornasier S.**, et autres 42 auteurs, 2015. On the nucleus structure and activity of comet 67P/Churyumov-Gerasimenko. **Science**, 347, no. 6220
35. de Sanctis M. C., Capaccioni F., Ciarniello M., Filacchione G., Formisano M., Mottola S., Raponi A., Tosi F., Bockelée-Morvan D., Erard S., Leyrat C., Schmitt B., Ammannito E., Arnold G., Barucci A., Combi M., Capria M. T., Cerroni P., Ip W.-H., Kuehrt E., McCord T. B., Palomba E., Beck P., Quirico E., Piccioni G., Bellucci G., Fulchignoni M., Jaumann R., Stephan K., Longobardo A., Mennella V., Migliorini A., Benkhoff J., Bibring J. P., Blanco A., Blecka M., Carlson R., Carsenty U., Colangeli L., Combes M., Crovisier J., Drossart P., Encrenaz T., Federico C., Fink U., Fonti S., Irwin P., Langevin Y., Magni G., Moroz L., Orofino V., Schade Ulrich, Taylor F., Tiphene D., Tozzi G. P., Biver N., Bonal L., Combe J.-P., Despan D., Flamini E., **Fornasier S.**, Frigeri A., Grassi D., Gudipati M. S., Mancarella F., Markus K., Merlin F., Orosei R., Rinaldi G., Cartacci M., Cicchetti A., Giuppi S., Hello Yann, Henry F., Jacquino S., Reess J.-M., Noschese R., Politi R., Peter G. The diurnal cycle of water ice on comet 67P/Churyumov-Gerasimenko. **Nature**, 2015, vol. 525, pp. 500-503.
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38. G. Filacchione, A. Raponi, F. Capaccioni, M. Ciarniello, F. Tosi, M. T. Capria, M. C. De Sanctis, A. Migliorini, G. Piccioni, P. Cerroni, M. A. Barucci, **S. Fornasier**, B. Schmitt, et al., 2016. Seasonal exposure of carbon dioxide ice on the nucleus of comet 67P/Churyumov-Gerasimenko. **Science**, 2016, vol. 354, pp. 1563-1566.
39. Filacchione G., de Sanctis M.C., Capaccioni F., Raponi A., Tosi F., Ciarniello M., Cerroni P., Piccioni G., Capria M. T., Palomba E., Bellucci G., Erard S., Bockelée-Morvan D., Leyrat C., Arnold G., Barucci A., Fulchignoni M., Schmitt B., Quirico E., Jaumann R., Stephan K., Longobardo A., Mennella V., Migliorini A., Ammannito E., Benkhoff J., Bibring J.-P., Blanco A., Blecka M. I., Carlson R., Carsenty U., Colangeli L., Combes M., Combi M., Crovisier J., Drossart P., Encrenaz T., Federico C., Fink U., Fonti S., Ip Wing-H., Irwin P., Kuehrt E., Langevin Y., Magni G., McCord T. B., Moroz L., Mottola S., Orofino V., Schade U., Taylor F. W., Tiphene D., Tozzi G. P., Beck P., Biver N., Bonal L., Combe J.-Ph., Despan D., Flamini E., Formisano M., **Fornasier S.**, Frigeri A., Grassi D., Gudipati M. S., Kappel D., Mancarella F., Markus K., Merlin F., Orosei R., Rinaldi G., Cartacci M., Cicchetti A., Giuppi S., Hello Y., Henry F., Jacquino S., Reess J.-M., Noschese R., Politi R., Peter G., 2016. Exposed water ice on the nucleus of comet 67P/Churyumov-Gerasimenko. **Nature**, 2016, vol. 529, pp. 368-372.
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41. El-Maarry, M.R., M. Ramy, Groussin, O., Thomas, N., Pajola, M., Auger, A.-T., Davidsson, B., Hu, X., Hviid, S. F., Knollenberg, J., Güttler, C., Tubiana, C., **Fornasier, S.**, and 46 colleagues 2017. Surface changes on comet 67P/Churyumov-Gerasimenko suggest a more active past. **Science** 355, 1392-1395.
42. Shi, X., Hu, X., Mottola, S., Sierks, H., Keller, H. U., Rose, M., Güttler, C., Fulle, M., **Fornasier, S.**, Agarwal, J., Pajola, M., Tubiana, C., Bodewits, D., Barbieri, C., Lamy, P. L., Rodrigo, R., Koschny, D., Barucci, M. A., Bertaux, J.-L., Bertini, I., Boudreault, S., Cremonese, G., Da Deppo, V., Davidsson, B., Debei, S., De Cecco, M., Deller, J., Groussin, O., Gutiérrez, P. J., Hviid, S. F., Ip, W.-H., Jorda, L., Knollenberg, J., Kovacs, G., Kramm, J.-R., Kührt, E., Küppers, M., Lara, L. M., Lazzarin, M., Lopez-Moreno, J. J., Marzari, F., Naletto, G., Ockay, N., Toth, I., Vincent, J.-B., 2018. Coma morphology of comet 67P controlled by insolation over irregular nucleus. **Nature Astronomy**, Volume 2, p. 562-567
43. Matonti, C., Attree, N., Groussin, O.,.....**Fornasier, S.**, et al., 2019. Bilobate comet morphology and internal structure controlled by shear deformation. **Nature Geoscience**, Volume 12, Issue 3, p.157-162
44. Hamilton, V., Simon, A., Christensen, C., Reuter, D., Clark, B., Barucci, M.A., Bowles, N., Boynton, W., Brucato, J., Cloutis, E., Connolly, H., Donaldson H., Emery, J., Enos,

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1.2.3. Articles des étudiants encadrés/co-encadrés en thèse/Articles from supervised PhD students

Les noms des étudiants encadrés/co-encadrés sont surlignées. Je liste ici que les articles relatifs au travail de thèse en premier auteur des doctorant.e.s.

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1.3. Livres de vulgarisation scientifique/Popular science books

- Barbieri C., Molin G., Cremonese G., Fioretti A.M., **Fornasier S.**, Lazzarin M., Rampazzi F., 1999, *Avvistamenti e impatti di corpi celesti*, livre de vulgarisation scientifique sur La découverte et les impacts de corps célestes, éditeur : Direction de la culture de la région Veneto, Italie, 88 pages.

1.4. Présentations invitées en conférences et congrès/Invited talks at conferences

1. **Fornasier S.**, Surface heterogeneities on comet 67P, exposure of volatiles and their strong connection with activity events. 7-11 mars 2022, ISSI workshop on "The life cycle of comets", Berne, Suisse (présentation à distance)

1.4. PRÉSENTATIONS INVITÉES EN CONFÉRENCES ET CONGRÈS/INVITED TALKS AT CONFERENCES

2. **Fornasier S.**, Phobos and Deimos MIRS science, MMX science meeting, 18-19 Nov. 2021, Paris Obs. and online
3. **Fornasier S.**, Solar System small bodies : composition and materials of high exo-biological interest with NIR spectroscopy, workshop on “Massively Parallel Large Area Spectroscopy from Space”, ATLAS, online workshop, 21-23 June 2021
4. **Fornasier S.**, Linking surface morphology, composition and activity on the 67P/Churyumov-Gerasimenko’s nucleus, 24-28 février 2020, ISSI workshop on "Closing The Gap Between Ground Based And In-Situ Observations Of Cometary Dust Activity : Investigating Comet 67P To Gain A Deeper Understanding Of Other Comets", Berne, Suisse.
5. **Fornasier S.**, M.A. Barucci, C. Dalle Ore, The Kuiper Belt as the Context for Pluto. Congrès : Pluto System After New Horizons, 14-18 juillet 2019, APL, Laurel, Maryland (USA).
6. **Fornasier S.**, The 67P/C-G nucleus composition and its evolution over time. Comet 67P Nucleus Workshop, Asiago (Italy), 24-26 Jun 2019.
7. **Fornasier S.**, Comet 67P/CG nucleus composition & photometric properties highlights. Rosetta team workshop on “Rosetta results : bigger picture”, Catane Observatory, Italy, 19 Jun 2018
8. **Fornasier S.**, Volatile Exposure in Anhur region of 67P comet. OSIRIS full Team meeting, 21 juin 2018, Catania Diocesan Museum, Catane, Italie
9. **Fornasier S.**, Asteroids, Trojans and Transneptunians, JWST workshop, ESA-ESTEC, Leiden, 13-15 decembre, 2017
10. **Fornasier S.**, Surface composition and photometric properties of 67P/C-G comet from Rosetta/OSIRIS observations. Multi scale Planetary Science Workshop, Paris Observatory, 21-22 juin 2017
11. **Fornasier S.**, 'Short lifetime outburst on 67P comet at perihelion', OSIRIS full Team meeting, 22-24 May 2017, Torrejon, Madrid, Spain.
12. **Fornasier S.**, Highlights from the ESA Rosetta mission. Bejiin Institute of Technology (BIT) Workshop, Paris, 12 mai 2017
13. **Fornasier S.**, The 67P/Churyumov-Gerasimenko nucleus spectroscopic properties and their evolution over time. Conférence : “Comets : A new vision after Rosetta/Philae”, 14-18 Novembre 2016, Toulouse, France
14. **Fornasier S.**, Seasonal and diurnal color and composition variations of the 67P nucleus. Conférence : From Giotto to Rosetta : 30 years of cometary science from Space and Ground, Padova, 27-29 Octobre 2016
15. **Fornasier S.**, & OSIRIS Team, Evolution of global 67P/CG comet nucleus observed by the OSIRIS instrument onboard Rosetta. Science Working meeting, Rosetta mission, June 2016, Milton Keynes, UK
16. **Fornasier S.**, Lantz, M.A. Barucci , D. Perna. Aqueous and space weathering alteration processes on primitive asteroids : results from telescopic observations. Workshop 'The nature of the dark primitive asteroids : preparation of Osiris-Rex and Hayabusa 2 missions', CIAS, 25-27 May 2016, Meudon, France
17. **Fornasier S.**, C. Feller, et al., 2015. 67P nucleus composition & photometric properties. OSIRIS Full Team Meeting, Padova, Nov. 2016
18. **Fornasier S.**, Barucci M.A. : exposed water ice on 67P comet. Rosetta OSIRIS and VIRTIS joint meeting, Berlin, 24-26 Nov. 2015

19. **Fornasier S.**, Hasselmann, P., Barucci, M.A., 2014. Color variations and photometric properties of the 67P nucleus. OSIRIS Full Team Meeting, MPS, Gottingen, oct. 2014
20. **Fornasier S.**, C. Feller, et al., Colors of the 67P nucleus southern hemisphere and morphological changes. OSIRIS Full Team Meeting, MPS, Gottingen, July 2014
21. **Fornasier S.**, F. Merlin, B. Carry, Caractérisation physico-chimique des objets du système solaire en photométrie et spectroscopie, ELT scientific workshop, Meudon, 22 May 2014
22. **Fornasier S.**, A. Alvarez, D. Lazzaro, Snodgrass C., Carvano J.M., Jimenez-Teja Y, Silva S., 2014. Constraints on Chariklo physical properties : results from HERSCHEL and SOAR observations. Workshop on Chariklo rings, 26-27 March 2014, Meudon
23. **Fornasier S.**, Lellouch E, T. Mueller and the TNO's are Cool Team, 2013. TNOs are Cool : A survey of the trans-Neptunian region. Results from the PACS and SPIRE observations with the HERSCHEL space observatory. CODAM workshop, Paris, Jan. 2013.
24. **Fornasier S.**, Report on the MARCOPOLO-R remote sensing payload working group. "International Symposium : "Astrobiological and cosmochemical implications of Marco Polo-R sampling of a primitive asteroid Barcellona, Spain, 17 January 2013
25. **Fornasier S.**, Lantz, C., Barucci, M.A., Aqueous alteration on minor bodies of the solar System, GAIA conference, Nice June 2013
26. **Fornasier, S.**, Lantz, C., & Barucci, M.A., 2013, Aqueous alteration on primitive asteroids, OSIRIS-REx Science Team Meeting IV
27. **Fornasier S.**, Belskaya, I., 2013. Polarimetric observations of 2867 Steins and 21 Lutetia, targets of the Rosetta mission : groundtruth from the Rosetta fly-bys. Polarimetry of Planetary Systems, Florence, Sept. 2013
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30. **Fornasier, S.**, 2011. Photometric calibrations of the OSIRIS-imaging system. OSIRIS calibration workshop, Paris, March 2011
31. **Fornasier S.**, Barucci A., Belskaya I., Fulchignoni M.. A portrait of the Rosetta targets 2867 Steins and 21 Lutetia. In European Planetary Science Congress (EPSC) 2010, 19-25 Sept, 2010, Rome
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35. **Fornasier, S.**, Barucci M.A., Fulchignoni, M., Dotto, E., Lamy, P., Jorda, L., Groussin, O., Brucato, J., Carvano, J., Cruikshank, D., 2007. Surface composition of 2867 Steins and 21 Lutetia, Rosetta 22th Science Working Team, ESTEC, 26-28 March 2007.

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37. **Fornasier S.**, 2007. WAC Straylight analysis, OSIRIS-Rosetta Full Team Meeting, Lindau, Allemagne, 22-26 February 2007.
38. **Fornasier, S.**, Barbieri, C., 2006. Lunar, Asteroidal and KBO occultations. In A quantum Astronomy Instrument for the Overwhelmingly Large (OWL) telescope of the European Southern Observatory (ESO)", 22-23 March 2005, Padova, Italie
39. **Fornasier S.**, 2006. The Rosetta target 2867 Steins and the E-type asteroids. Asteroids and Resonances Open Problems and Perspectives, Commemorative workshop for the 70th anniversary of Professor Sylvio Ferraz Mello, 25-28 Septembre 2006, CIAS, Meudon

1.5. Proceedings & reports

1. Brunello P., Peron F., **Fornasier S.**, Barbieri C., 2000. Baffling system for the Wide Angle Camera (WAC) of Rosetta Mission. Proceedings of the SPIE conference, vol. 4093, 79-88.
2. Barbieri C., Cremonese, G., **Fornasier S.**, Lazzarin M., Marchi S., Ragazzoni R., Rampazzi F., Verani S., Benn C., Mendillo M., Baumgartner J., Wilson J., Chakrabarti S., Dolci M., 2000. LUNAM (Lunar Atmosphere Mission). Conference Earth-Moon Relationships, 8-10 Novembre 2000, Accademia Galileiana - Padova, Italy, Barbieri C, Rampazzi F., editors, Kluwer editions pag. 487-495
3. Debei S., **Fornasier S.**, Ramous P., Barbieri C., Da Deppo V., Brunello P., Peron F., 2001. The Wide Angle Camera of Rosetta Mission : design and manufacturing of an innovative baffling system for an aspherical optics telescope. Proceedings of the SPIE conference, vol. 4498, 324-334.
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7. Da Deppo V., Naletto G., Nicolosi P.,..., **Fornasier S.**, et al., 2004. Preliminary calibration results of the wide angle camera of the imaging instrument OSIRIS for the Rosetta mission. In : Proceedings of the 5th International Conference on Space Optics (ICSO 2004),

- 30 March - 2 April 2004, Toulouse, France. Ed. : B. Warmbein. ESA SP-554, Noordwijk, Netherlands : ESA Publications Division, ISBN 92-9092-865-4, 2004, p. 191 - 198
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 9. Cremonese G., Capria M. T., Barbieri, C., .., **Fornasier S.**, et al., 2006. The stereo channel (STC) of the SIMBIO-SYS instrument for the BepiColombo mission to Mercury. *Memorie della Società Astronomica Italiana* 2006, v.9, p.173-175
 10. Barbieri C., da Deppo V., D'Onofrio M., Dravins D., **Fornasier S.**, Fosbury R A E., Naletto G., Nilsson R., Occhipinti T., Tamburini F., Uthas H., Zampieri L (2006). QuantEYE, the quantum optics instrument for OWL, the Scientific Requirements for Extremely Large Telescopes, Proceedings of the 232nd Symposium of the International Astronomical Union, Held in Cape Town, South Africa, November 14-18, 2005, Edited by Patricia Ann Whitelock., Michel Dennefeld., Bruno Leibundgut. Cambridge : Cambridge University Press, 2006, pp.506-507
 11. De Luise F., Dotto E., **Fornasier S.**, Lazzarin M., Perna Davide, Perozzi E., Rossi A., Valsecchi G. B. , 2007. Study for potential candidates for a Sample Return Space Mission to a Near Earth Object. *Memorie della Società Astronomica Italiana*, 2007, vol. 78, 604-607
 12. Barbieri C., Naletto G., Verroi E., Facchinetti C., Occhipinti T., di Paola A., Giro E., Zoccarato P., Anzolin G., D'Onofrio M., Tamburini F., Bonanno G., Billotta S., Pernechele C., Bolli P., da Deppo V., **Fornasier S.**, 2009. First Results of AQuEye, a Precursor 'Quantum' Instrument for the E-ELT. In : *Science with the VLT in the ELT Era, Astrophysics and Space Science Proceedings*. ISBN 978-1-4020-9189-6. Springer Netherlands, 2009, p. 249-253
 13. Naletto G., Da Deppo V., Nicolosi P., Zambolin P., Barbieri C., **Fornasier S.**, 2003. Calibration of the Wide Angle Camera for the Rosetta Mission : Preliminary Results on the Flight Model. *Proceedings of the SPIE conference*, vol. 4954, 375-384.
 14. **Fornasier S.**, 2003. Aqueous alteration on minor bodies of the Solar System. *Proceeding of the V Italian meeting of Planetary Science*, Gallipoli, Italy, 2003, pp. 139-142
 15. Gregnanin A., **Fornasier S.**, Barbieri C., 2003. Visible spectroscopy of minor bodies from the 1.22m Asiago telescope. *Proceeding of the V Italian meeting of Planetary Science*, Gallipoli, Italy, 2003, pp. 143-146
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- European Planetary Science Congress 2008, Proceedings of the conference held 21-25 September, 2008 in Munster, Germany, P. 790
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 20. Barucci, M. A., Belskaya, I., Fulchignoni, M., **Fornasier, S.**, Leyrat, C., 2012. Surface Composition of Asteroid (21) Lutetia : Lesson Learned from the Rosetta Flyby. 43rd Lunar and Planetary Science Conference, held March 19-23, 2012 at The Woodlands, Texas. LPI Contribution No. 1659, id.1586
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 23. Belskaya, I. N., Bagnulo, S., Stinson, A., Tozzi, G. P., Muinonen, K., Barucci, A., **Fornasier, S.**, 2012. Polarimetry of Transneptunian Objects : Updated Results. Asteroids, Comets, Meteors 2012, Proceedings of the conference held May 16-20, 2012 in Niigata, Japan. LPI Contribution No. 1667, id.6106
 24. Barucci, M. A., Belskaya, I., Fulchignoni, M, **Fornasier, S.**, Capaccioni, F., Leyrat, C., Sierks, H., Dotto, E., 2012. (21) Lutetia's Surface Composition : Lesson Learned from the Rosetta Flyby. Asteroids, Comets, Meteors 2012, Proceedings of the conference held May 16-20, 2012 in Niigata, Japan. LPI Contribution No. 1667, id.6050
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1.6. Présentations orales aux congrès/Oral talks at conferences

Pour les présentations invitées voir la section 1.4.

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2. Cremonese G., Barbieri C., Baruffolo A., Bernardi F., **Fornasier, S.**, Ghedina A., Lazzarin M., Marchetti E., Ragazzoni R., 1999. Speckle interferometry of asteroids with the 3.5m TNG. Meeting Asteroids, Comets, Meteors, Cornell Univ., Ithaca, New York, July 1999.
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