

## Refereed articles in 2015

- [1] J.-P. Bibring, Y. Langevin, J. Carter, P. Eng, B. Gondet, L. Jorda, S. Le Mouélic, S. Mottola, C. Pilorget, F. Poulet, and M. Vincendon. 67P/Churyumov-Gerasimenko surface properties as derived from CIVA panoramic images. *Science*, 349(2), jul 2015.
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- [4] J. Carter, D. Loizeau, N. Mangold, F. Poulet, and J.-P. Bibring. Widespread surface weathering on early Mars: A case for a warmer and wetter climate. *Icarus*, 248:373–382, mar 2015.
- [5] S. Csizmadia, A. Hatzes, D. Gandolfi, M. Deleuil, F. Bouchy, M. Fridlund, L. Szabados, H. Parviainen, J. Cabrera, S. Aigrain, R. Alonso, J.-M. Almenara, A. Baglin, P. Borde, A. S. Bonomo, H. J. Deeg, R. F. Díaz, A. Erikson, S. Ferraz-Mello, M. Tadeu dos Santos, E. W. Guenther, T. Guillot, S. Grziwa, G. Hebrard, P. Klagyivik, M. Ollivier, M. Patzold, H. Rauer, D. Rouan, A. Santerne, J. Schneider, T. Mazeh, G. Wuchterl, S. Carpano, and A. Ofir. Transiting exoplanets from the CoRoT space mission XXVIII. CoRoT-33b, an object in the brown dwarf desert with 2:3 commensurability with its host star. *Astron. Astrophys.*, 584:A13, dec 2015.

- [6] M. C. De Sanctis, F. Capaccioni, M. Ciarniello, G. Filacchione, M. Formisano, S. Mottola, A. Raponi, F. Tosi, D. Bockelee-Morvan, S. Erard, C. Leyrat, B. Schmitt, E. Ammannito, G. Arnold, M. A. Barucci, M. Combi, M. T. Capria, P. Cerroni, W.-H. Ip, E. Kuehrt, T. B. McCord, E. Palomba, P. Beck, E. Quirico, VIRTIS Team, G. Piccioni, G. Bellucci, M. Fulchignoni, R. Jaumann, K. Stephan, A. Longobardo, V. Mennella, A. Migliorini, J. Benkhoff, J. P. Bibring, A. Blanco, M. Blecka, R. Carlson, U. Carsenty, L. Colangeli, M. Combes, J. Crovisier, P. Drossart, T. Encrenaz, C. Federico, U. Fink, S. Fonti, P. Irwin, Y. Langevin, G. Magni, L. Moroz, V. Orofino, U. Schade, F. Taylor, D. Tiphene, G. P. Tozzi, N. Biver, L. Bonal, J.-P. Combe, D. Despan, E. Flamini, S. Fornasier, A. Frigeri, D. Grassi, M. S. Gudipati, F. Mancarella, K. Markus, F. Merlin, R. Orosei, G. Rinaldi, M. Cartacci, A. Cicchetti, S. Giuppi, Y. Hello, F. Henry, S. Jacquino, J. M. Rees, R. Noschese, R. Politi, and G. Peter. The diurnal cycle of water ice on comet 67P/Churyumov-Gerasimenko. *Nature*, 525:500–503, sep 2015.
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- [8] P. Eccleston, B. Swinyard, M. Tessenyi, G. Tinetti, I. Waldmann, M. Ferlet, R. Irshad, T. Lim, K. Middleton, T. Bradshaw, M. Crook, T. Hunt, B. Winter, I. Bryson, N. Bezawada, W. Taylor, N. Bowles, E. Pascale, G. Morgante, E. Pace, A. Adriani, J.-M. Reess, M. Ollivier, R. Ottensamer, M. Rataj, G. R. Zapata, J.-R. Schrader, A. Selig, K. Isaak, M. Linder, and L. Puig. The EChO payload instrument - an overview. *Experimental Astronomy*, 40:427–447, dec 2015.
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- [14] D. Loizeau, N. Mangold, F. Poulet, J.-P. Bibring, J. L. Bishop, J. Michalski, and C. Quantin. History of the clay-rich unit at Mawrth Vallis, Mars: High-resolution mapping of a candidate landing site. *Journal of Geophysical Research (Planets)*, 120:1820–1846, nov 2015.
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- [18] E. Pascale, I. P. Waldmann, C. J. MacTavish, A. Papageorgiou, A. Amaral-Rogers, R. Varley, V. Coudé du Foresto, M. J. Griffin, M. Ollivier, S. Sarkar, L. Spencer, B. M. Swinyard, M. Tessenyi, and G. Tinetti. EChOSim: The Exoplanet Characterisation Observatory software simulator. *Experimental Astronomy*, 40:601–619, dec 2015.
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