

Refereed articles in 2017

- [1] J.-P. Bibring, V. Hamm, Y. Langevin, C. Pilorget, A. Arondel, M. Bouzit, M. Chaigneau, B. Crane, A. Darié, C. Evesque, J. Hansotte, V. Gardien, L. Gonnod, J.-C. Leclech, L. Meslier, T. Redon, C. Tamiatto, S. Tosti, and N. Thoores. The MicrOmega Investigation Onboard Hayabusa2. *Space Sci. Rev.*, March 2017.
- [2] J.-P. Bibring, V. Hamm, C. Pilorget, J. L. Vago, and MicrOmega Team. The MicrOmega Investigation Onboard ExoMars. *Astrobiology*, 17:621–626, July 2017.
- [3] H. Boehnhardt, J.-P. Bibring, I. Apathy, H. U. Auster, A. Ercoli Finzi, F. Goesmann, G. Klingelhöfer, M. Knapmeyer, W. Kofman, H. Krüger, S. Mottola, W. Schmidt, K. Seidensticker, T. Spohn, and I. Wright. The Philae lander mission and science overview. *Philosophical Transactions of the Royal Society of London Series A*, 375:20160248, May 2017.
- [4] M. Hilchenbach, H. Fischer, Y. Langevin, S. Merouane, J. Paquette, J. Rynö, O. Stenzel, C. Briois, J. Kissel, A. Koch, R. Schulz, J. Silen, N. Altobelli, D. Baklouti, A. Bardyn, H. Cottin, C. Engrand, N. Fray, G. Haerendel, H. Henkel, H. Höfner, K. Hornung, H. Lehto, E. M. Mellado, P. Modica, L. Le Roy, S. Siljeström, W. Steiger, L. Thirkell, R. Thomas, K. Torkar, K. Varmuza, and B. Zaprudin. Mechanical and electrostatic experiments with dust particles collected in the inner coma of comet 67P by COSIMA onboard Rosetta. *Philosophical Transactions of the Royal Society of London Series A*, 375:20160255, May 2017.
- [5] T.-M. Ho, V. Baturkin, C. Grimm, J. T. Grundmann, C. Hobbie, E. Ksenik, C. Lange, K. Sasaki, M. Schlotterer, M. Talapina, N. Termtanasombat, E. Wejmo, L. Witte, M. Wrasmann, G. Wübbels, J. Röckler, C. Ziach, R. Findlay, J. Biele, C. Krause, S. Ulamec, M. Lange, O. Mierheim, R. Lichtenheldt, M. Maier, J. Reill, H.-J. Sedlmayr, P. Bousquet, A. Bellion, O. Bompis, C. Cenac-Morthe, M. Deleuze, S. Fredon, E. Jurado, E. Canalias, R. Jaumann, J.-P. Bibring, K. H. Glassmeier, D. Hercik, M. Grott, L. Celotti, F. Cordero, J. Hendrikse, and T. Okada. MASCOT - The Mobile Asteroid Surface Scout Onboard the Hayabusa2 Mission. *Space Sci. Rev.*, 208:339–374, July 2017.
- [6] R. Jaumann, N. Schmitz, A. Koncz, H. Michaelis, S. E. Schroeder, S. Mottola, F. Trauthan, H. Hoffmann, T. Roatsch, D. Jobs, J. Kachlicki, B. Pforte, R. Terzer, M. Tschentscher, S. Weisse, U. Mueller, L. Perez-Prieto, B. Broll, A. Kruselburger, T.-M. Ho, J. Biele, S. Ulamec, C. Krause, M. Grott, J.-P. Bibring, S. Watanabe, S. Sugita, T. Okada, M. Yoshikawa, and H. Yabuta. The Camera of the MASCOT Asteroid Lander on Board Hayabusa 2. *Space Sci. Rev.*, 208:375–400, July 2017.
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- [11] C. Re, E. Simioni, G. Cremonese, R. Roncella, G. Forlani, Y. Langevin, V. Da Deppo, G. Naletto, and G. Salemi. Effects of image compression and illumination on digital terrain models for the stereo camera of the BepiColombo mission. *Planetary Space Science*, 136:1–14, feb 2017.
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- [13] J. L. Vago, F. Westall, Pasteur Instrument Team, Pasteur Landing Team, A. J. Coates, R. Jaumann, O. Korablev, V. Ciarletti, I. Mitrofanov, J.-L. Josset, M. C. De Sanctis, J.-P. Bibring, F. Rull, F. Goesmann, H. Steininger, W. Goetz, W. Brinckerhoff, C. Szopa, F. Raulin, F. Westall, H. G. M. Edwards, L. G. Whyte, A. G. Fairén, J.-P. Bibring, J. Bridges, E. Hauber, G. G. Ori, S. Werner, D. Loizeau, R. O. Kuzmin, R. M. E. Williams, J. Flahaut, F. Forget, J. L. Vago, D. Rodionov, O. Korablev, H. Svedhem, E. Sefton-Nash, G. Kminek, L. Lorenzoni, L. Joudrier, V. Mikhailov, A. Zashchirinskiy, S. Alexashkin, F. Calantropio, A. Merlo, P. Poulakis, O. Witasse, O. Bayle, S. Bayón, U. Meierhenrich, J. Carter, J. M. García-Ruiz, P. Baglioni, A. Haldemann, A. J. Ball, A. Debus, R. Lindner, F. Haessig, D. Monteiro, R. Trautner, C. Volland, P. Rebeyre, D. Goultly, F. Didot, S. Durrant, E. Zekri, D. Koschny, A. Toni, G. Visentin, M. Zwick, M. van Winnendael, M. Azkarate, C. Carreau, and ExoMars Project Team. Habitability on Early Mars and the Search for Biosignatures with the ExoMars Rover. *Astrobiology*, 17:471–510, July 2017.