

## Refereed articles in 2020

- [1] R. Brunetto, C. Lantz, T. Nakamura, D. Baklouti, T. Le Pivert-Jolivet, S. Kobayashi, and F. Borondics. Characterizing irradiated surfaces using IR spectroscopy. *Icarus*, 345:113722, July 2020.
- [2] Klaus Hornung, Eva Maria Mellado, John Paquette, Nicolas Fray, Henning Fischer, Oliver Stenzel, Donia Baklouti, Sihane Merouane, Yves Langevin, Anais Bardyn, Cecile Engrand, Hervé Cottin, Laurent Thirkell, Christelle Briois, Paola Modica, Jouni Rynö, Johan Silen, Rita Schulz, Sandra Siljeström, Harry Lehto, Kurt Varmuza, Andreas Koch, Jochen Kissel, and Martin Hilchenbach. Electrical properties of cometary dust particles derived from line shapes of TOF-SIMS spectra measured by the ROSETTA/COSIMA instrument. *Planetary Space Science*, 182:104758, March 2020.
- [3] Hannah H. Kaplan, Victoria E. Hamilton, Ellen S. Howell, F. Scott Anderson, M. Antonella Barrucci, John Brucato, Thomas H. Burbine, Beth E. Clark, Ed A. Cloutis, Harold C. Connolly, Elisabetta Dotto, Joshua P. Emery, Sonia Fornasier, Cateline Lantz, Lucy F. Lim, Frederic Merlin, Alice Praet, Dennis C. Reuter, Scott A. Sandford, Amy A. Simon, Driss Takir, and Dante S. Lauretta. Visible-near infrared spectral indices for mapping mineralogy and chemistry with OSIRIS-REx. *Meteoritics and Planetary Science*, 55(4):744–765, April 2020.
- [4] David A. Rothery, Matteo Massironi, Giulia Alemanno, Océane Barraud, Sebastien Besse, Nicolas Bott, Rosario Brunetto, Emma Bunce, Paul Byrne, Fabrizio Capaccioni, Maria Teresa Capria, Cristian Carli, Bernard Charlier, Thomas Cornet, Gabriele Cremonese, Mario D’Amore, M. Cristina De Sanctis, Alain Doressoundiram, Luigi Ferranti, Gianrico Filacchione, Valentina Galluzzi, Lorenza Giacomini, Manuel Grande, Laura G. Guzzetta, Jörn Helbert, Daniel Heyner, Harald Hiesinger, Hauke Hussmann, Ryuku Hyodo, Tomas Kohout, Alexander Kozyrev, Maxim Litvak, Alice Lucchetti, Alexey Malakhov, Christopher Malliband, Paolo Mancinelli, Julia Martikainen, Adrian Martindale, Alessandro Maturilli, Anna Milillo, Igor Mitrofanov, Maxim Mokrousov, Andreas Morlok, Karri Muinonen, Olivier Namur, Alan Owens, Larry R. Nittler, Joana S. Oliveira, Pasquale Palumbo, Maurizio Pajola, David L. Pegg, Antti Penttilä, Romolo Politi, Francesco Quarati, Cristina Re, Anton Sanin, Rita Schulz, Claudia Stangarone, Aleksandra Stojic, Vladislav Tretiyakov, Timo Väisänen, Indhu Varatharajan, Iris Weber, Jack Wright, Peter Wurz, and Francesca Zambon. Rationale for BepiColombo Studies of Mercury’s Surface and Composition. *Space Sci. Rev.*, 216(4):66, June 2020.
- [5] Riccardo Giovanni Urso, Donia Baklouti, Zahia Djouadi, Noemí Pinilla-Alonso, and Rosario Brunetto. Near-infrared Methanol Bands Probe Energetic Processing of Icy Outer Solar System Objects. *Astrophys. J. Lett.*, 894(1):L3, May 2020.