

## Non-refereed publications in 2017

- [1] R. Brunetto, C. Lantz, Z. Dionnet, F. Borondics, A. Aléon-Toppani, D. Baklouti, M. A. Barucci, R. P. Binzel, Z. Djouadi, K. Kitazato, and C. Pilorget. IR Spectral Imaging of Irradiated Carbonaceous Meteorites. In *Lunar and Planetary Science Conference*, volume 48 of *Lunar and Planetary Inst. Technical Report*, page 1508, March 2017.
- [2] Z. Dionnet, A. Aléon-Toppani, F. Borondics, R. Brunetto, Z. Djouadi, and D. Troadec. Non Destructive IR Micro-Imaging of the Paris Meteorite. In *Lunar and Planetary Science Conference*, volume 48 of *Lunar and Planetary Inst. Technical Report*, page 1466, March 2017.
- [3] N. Fray, D. Baklouti, A. Bardyn, C. Briois, H. Cottin, C. Engrand, H. Fischer, M. Hilchenbach, R. Isnard, L. Le Roy, P. Modica, J. Paquette, J. Ryno, O. Stenzel, S. Siljeström, and L. Thirkell. Characterization of the refractory organic matter present in the dust particles of 67P/Churyumov-Gerasimenko. In *EGU General Assembly Conference Abstracts*, volume 19 of *EGU General Assembly Conference Abstracts*, page 12953, April 2017.
- [4] P. Guiot, J. Carter, M. Vincendon, D. Baklouti, and Y. Langevin. Searching for Signatures of Io’s Silicate Crust. In *Lunar and Planetary Science Conference*, volume 48 of *Lunar and Planetary Inst. Technical Report*, page 1813, March 2017.
- [5] O. Mousis, D. H. Atkinson, T. Cavalié, L. N. Fletcher, M. J. Amato, S. Aslam, F. Ferri, J.-B. Renard, T. Spilker, E. Venkatapathy, P. Wurz, K. Aplin, A. Coustenis, M. Deleuil, M. Dobrijevic, T. Fouchet, T. Guillot, P. Hartogh, T. Hewagama, M. D. Hofstadter, V. Hue, R. Hueso, J.-P. Lebreton, E. Lellouch, J. Moses, G. S. Orton, J. C. Pearl, A. Sanchez-Lavega, A. Simon, O. Venot, J. H. Waite, R. K. Achterberg, S. Atreya, F. Billebaud, M. Blanc, F. Borget, B. Brugger, S. Charnoz, T. Chiavassa, V. Cottini, L. d’Hendecourt, G. Danger, T. Encrenaz, N. J. P. Goriuis, L. Jorda, B. Marty, R. Moreno, A. Morse, C. Nixon, K. Reh, T. Ronnet, F.-X. Schmider, S. Sheridan, C. Sotin, P. Vernazza, and G. L. Villanueva. Scientific rationale for Uranus and Neptune in situ explorations. *ArXiv e-prints*, August 2017.
- [6] J. A. Nuth, N. M. Johnson, F. T. Ferguson, M. Hilchenbach, S. Merouane, J. A. Paquette, O. Stenzel, H. Cottin, N. Fray, A. Bardyn, D. Baklouti, and L. Le Roy. Refractory Organics in Comet 67P/Churyumov-Gerasimenko: Additional Evidence for Large-Scale Mixing in the Primitive Solar Nebula? In *Lunar and Planetary Science Conference*, volume 48 of *Lunar and Planetary Inst. Technical Report*, page 1259, March 2017.
- [7] E. Quirico, M. Faure, A. Faure, D. Baklouti, P. Boduch, H. Rothard, E. Ballanzat, E. Dartois, R. Brunetto, L. Bonal, P. Beck, B. Schmitt, J. Duprat, and C. Engrand. Origin of cometary and chondritic refractory organics: Ion irradiation experiments. *European Planetary Science Congress*, 11:EPSC2017–187, September 2017.
- [8] G. Strazzulla and R. Brunetto. Particle accelerators as tools to investigate astrochemistry. *Nuclear Physics News*, 27:23–27, March 2017.