

Non-refereed publications in 2015

- [1] N. Bardin, J. Duprat, C. Engrand, G. Slodzian, D. Baklouti, E. Dartois, R. Brunetto, L. Delauche, M. Godard, T. D. Wu, and J. L. Guerquin-Kern. D/H and $^{15}\text{N}/^{14}\text{N}$ Isotopic Ratios in Organic Matter of Ultracarbonaceous Antarctic Micrometeorites. In *78th Annual Meeting of the Meteoritical Society*, volume 1856 of *LPI Contributions*, page 5275, July 2015.
- [2] A. Bardyn, M. Hilchenbach, C. Briois, J. Kissel, A. Koch, Y. Langevin, R. Schulz, J. Silen, K. Altwegg, L. Colangeli, H. Cottin, C. Engrand, H. Fischer, A. Glasmachers, E. Grün, G. Haerendel, H. Henkel, H. Höfner, K. Hornung, E. K. Jessberger, H. Lehto, K. Lehto, F. Raulin, L. Le Roy, J. Rynö, W. Steiger, T. Stephan, L. Thirkell, R. Thomas, K. Torkar, K. Varmuza, K.-P. Wanczek, N. Altobelli, D. Baklouti, N. Fray, P. Lacerda, N. Ligier, Z. Lin, P. Martin, S. Merouane, F.-R. Orthous-Daunay, J. Paquette, C. Revillet, S. Siljeström, O. Stenzel, and B. Zaprudin. COSIMA - In-situ dust particles measurements in the inner coma of comet 67P/Churyumov-Gerasimenko. In *AAS/Division for Planetary Sciences Meeting Abstracts*, volume 47 of *AAS/Division for Planetary Sciences Meeting Abstracts*, page 503.08, November 2015.
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- [4] L. Bonal, R. Brunetto, P. Beck, E. Dartois, Z. Dionnet, Z. Djouadi, J. Duprat, E. Füre, Y. Kakazu, G. Montagnac, P. Oudayer, E. Quirico, and C. Engrand. Visible-IR and Raman spectra of three Itokawa particles. *European Planetary Science Congress 2015, held 27 September - 2 October, 2015 in Nantes, France, Online at <http://meetingorganizer.copernicus.org/EPSC2015>, id.EPSC2015-49*, 10:EPSC2015-49, October 2015.
- [5] C. Briois, D. Baklouti, A. Bardyn, H. Cottin, C. Engrand, N. Fray, M. Hilchenbach, K. Hornung, J. Kissel, Y. Langevin, R. Schulz, J. Silén, S. Siljeström, F.-R. Orthous-Daunay, J. Rynö, and A. Koch. The composition of 67P/Churyumov-Gerasimenko cometary dust as seen by COSIMA on Board Rosetta. In *EGU General Assembly Conference Abstracts*, volume 17 of *EGU General Assembly Conference Abstracts*, page 7648, April 2015.
- [6] H. Cottin, M. Hilchenbach, N. Fray, A. Bardyn, C. Briois, D. Baklouti, C. Engrand, Y. Langevin, N. Ligier, L. Le Roy, S. Merouane, F.-R. Orthous Daunay, L. Thirkell, J. Kissel, A. Koch, R. Schulz, J. Ryno, and J. Silen. COSIMA - Dust Particles in the Inner Coma of Comet 67P/Churyumov-Gerasimenko prior to perihelion passage. *European Planetary Science Congress 2015, held 27 September - 2 October, 2015 in Nantes, France, Online at <http://meetingorganizer.copernicus.org/EPSC2015>, id.EPSC2015-481*, 10:EPSC2015-481, October 2015.

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- [9] M. Eidelsberg, J. L. Lemaire, S. Federman, G. Stark, A. Heays, L. Gavilan, J. R. Lyons, P. L. Smith, N. de Oliveira, and D. Joyeux. Oscillator Strengths and Predissociation Rates for W-X Bands and the 4P5P Complex in $^{13}\text{C}^{18}\text{O}$. In *70th International Symposium on Molecular Spectroscopy*, June 2015.
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- [17] C. Lantz, R. Brunetto, and M. A. Barucci. Space Weathering on Primitive Asteroids: Ion Irradiation of Carbonaceous Chondrites. In *Space Weathering of Airless Bodies: An Integration of Remote Sensing Data, Laboratory Experiments and Sample Analysis Workshop*, volume 1878 of *LPI Contributions*, page 2003, November 2015.
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- [20] J. R. Lyons, G. Stark, A. N. Heays, P. L. Smith, M. Eidelsberg, S. R. Federman, J. L. Lemaire, L. Gavilan, N. de Oliveira, D. Joyeux, and L. Nahon. Photolysis of CO at Long Wavelengths: Comparison with Laboratory Experiments and Implications for the Solar Nebula. In *Lunar and Planetary Science Conference*, volume 46 of *Lunar and Planetary Inst. Technical Report*, page 2167, March 2015.
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- [22] U. Meierhenrich, P. de Marcellus, C. Meinert, I. Myrgorodska, L. Nahon, T. Buhse, and L. d’Hendecourt. Glyceraldehyde and glycolaldehyde in interstellar ice analogues and the role of aldehydes in cosmochemical evolution. *European Planetary Science Congress 2015*,

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