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Professional Preparation

Washington University	Earth and Planetary Sciences	PhD (2016) & MS (2012)
Free University of Brussels	Geology & Geochemistry	BSc. (2008) & MS (2010)

Professional Appointments

<i>Assistant Professor</i> , Lunar and Planetary Laboratory, University of Arizona	2019-present
<i>Visiting Professor</i> , McDonnell Center for Space Sciences, Washington University in St. Louis	2021-present
<i>Postdoctoral Research Associate</i> , University of Arizona	2017-2019
<i>Robert M. Walker Postdoctoral Fellow</i> , Washington University in St. Louis	2016
<i>Doctoral Student (PhD)</i> , Washington University in St. Louis	2011-2016

Fellowships and Academic Awards

Selected for the AAAS/Science Program for Excellence in Science	2017
Meteoritical Society Early Career Scientist Award	2017
The Brian Mason Award	2016
Dean's Recognition for Student Leadership at Washington University	2016
Dr. Diane DeMell Jacobsen Scholarship	2015
NASA Earth and Space Science Fellowship (NNX12AN77H)	2012 – 2016
NASA Cosmochemistry Travel Awards for the Annual MetSoc meetings	2012 – 2016
Seventh LPI Career Development Award	2014
Summer Research Fellowship from the McDonnell Center for the Space Sciences	2009

Synergistic activities

<i>Sample Science Co-Investigator NASA's OSIRIS-REx mission.</i> The lead for the Sample Analysis Data Archiving Working Group (SADAWG), and member of the Sample Elements and Isotopes Analysis (SEIWG), the Sample Organics Analysis (SOAWG), and the Mineralogy and Petrography (MAPWG) Working Groups.	Present
<i>Co-Chair of the Facilities & Informatics Subcommittee on the Extraterrestrial Materials Analysis Group (ExMAG)</i>	2021 – Present
<i>Mentor to an Undergraduate Student in the NSF Achievement in STEM Program of Immersive Research Experience and Support (ASPIRES)</i>	2021
<i>Reviewer for Nature Astronomy</i>	2019
<i>Special Issue organizer for Meteoritics & Planetary Science</i>	2018
<i>Session Convener at the Goldschmidt Conference</i>	2018

<i>Panelist & External Reviewer on NASA ROSES Planetary Science Review Panels</i>	2017 – 2021
<i>Co-President of the Graduate Student Senate, Washington University</i>	2015 to 2016
<i>Chair of the Graduate Student Professional Development Committee, Washington University</i>	2015 to 2016
<i>Member of the Graduate Student Health & Graduate Student Diversity and Inclusiveness Committees, Washington University</i>	2014 to 2016
<i>Member of the Jed and Clinton Foundations Health Matters Campus Program - Mental Health Task Force, Washington University</i>	2015 to 2016
<i>Member of the Facilitating Inclusive Classroom Standing Committee, Washington University in St. Louis</i>	2015 to 2016
<i>Reviewer for Geochimica et Cosmochimica Acta</i>	2016
<i>Session chair at the Annual Meeting of the Meteoritical Society</i>	2016
<i>Earth & Planetary Sciences Graduate Student Representative, Washington University</i>	2014 to 2015
<i>Reviewer for Meteoritics & Planetary Science</i>	2014
<i>Earth and Environmental Sciences Student Representative, Free University of Brussels</i>	2008 to 2010

Press Coverage and interviews

- Forbes - ['Tiny Speck Of Actual Stardust' Found In Antarctic Meteorite](#)
- The New York Post - ['Alien' grain of dust from ancient star found in Antarctica](#)
- The New Yorker - ['An Exploding Star, a Grain of Sand, and an Origin Story'](#)
- Scientific American - ['A Star's Last Breath'](#) (video from [Scientific American Space Lab Countdown](#))
- The Huffington Post - ['Meteorites, Supernova Linked After Rare Silica Grains Identified In Antarctic Space Rocks'](#)

Invited Talks, Lectures and Brown Bags

Vice Motherboard - " How to Grab an Asteroid The Space Show "	Sept 2021
University of Arizona - The 16th Annual College of Science Lecture Series: " Water: Beyond Earth "	April 2021
Astronomy Days at the North Carolina Museum of Natural Sciences NASA OSIRIS-REx Mission: Insight into the Origin of Volatiles Through the Analysis of Samples from Asteroid 101955 Bennu	Jan 2021
Jet Propulsion Laboratory <i>Thermal Processing of Dust Grains on Airless Bodies: Insight from In-situ Heating inside a Transmission Electron Microscope</i>	Dec 2020
236 th American Astronomical Society (AAS) – Laboratory analyses of extraterrestrial materials <i>From Stars to the Solar System: Analysis of Stardust Grains in the Laboratory</i>	June 2020
NASA SOFIA Science Center <i>A Needle in a Haystack - Searching for Stardust inside the Solar System</i>	May 2020

Tucson Amateur Astronomical Association <i>From Stars to the Laboratory: Stardust in the Solar System</i>	Aug 2019
Washington University – Brown Bag in the Dept. of Earth & Planet. Sciences <i>Origins of organics and volatiles in meteorites: insights from TEM in-situ heating experiments.</i>	Aug 2018
Microscopy & Microanalysis Conference – Invited Talk <i>Low-Voltage Transmission Electron Microscopy Analysis of ¹⁵N-Rich Organic Matter: Insight into the Origins of Fine-Grained Antarctic Micrometeorites.</i>	Aug 2018
University of Arizona – Colloquium in the Lunar & Planetary Laboratory <i>Before and After Solar System Formation: Insights from Micrometeorites</i>	March 2018
University of Arizona – Brown Bag in the Lunar & Planetary Laboratory <i>From Stars to the Laboratory: Reconstructing Stellar History via State-of-the-Art Microscopy</i>	March 2018
University of Arizona – 2018 UA Core Facilities Fair (on behalf of Hitachi) <i>In-Lens High Resolution Electron Microscopy: Low-Voltage Study of Meteoritic Carbonaceous Materials.</i>	Feb 2018
University of Arizona – Seminar in the Dept. of Materials Science & Engineering. <i>Laboratory Astronomy: Stardust in the Solar System.</i>	Oct 2017
University of Arizona – EOS Origins Seminar in the Dept. of Astronomy <i>Circumstellar and interstellar grains in Antarctic Micrometeorites.</i>	Oct 2017
Harvard University – Cosmochemistry Special Seminar in the Dept. of Earth & Planetary Sciences <i>From Stars to the Laboratory: Presolar Silicates in the Solar System</i>	Sept 2015
Washington University – Brown Bag in the Dept. of Earth & Planet. Sciences <i>Antarctic Micrometeorites: Tiny Meteorites or Cometary Particles?</i>	Sept 2015
University of Hawaii – HIGP Seminar Series, University of Hawai'i at Manoa <i>Presolar Grains in Fine-Grained Chondrule Rims: Tracers of Nebular and Parent-body Processing</i>	Nov 2012
Washington University – Brown Bag in the Dept. of Earth & Planet. Sciences <i>Presolar Grains as Tracers of Nebular and Parent-body Processing in Meteorites</i>	Sept 2012

Peer-Reviewed Publications

- Ryan Ogliore, Kazuhide Nagashima, Gary Huss and *Pierre Haenecour* (2021). A Reassessment of the Quasi-Simultaneous Arrival Effect in Secondary Ion Mass Spectrometry. *Nuclear Instruments and Methods in Physics Research*, 491, pp. 17-28.
<https://doi.org/10.1016/j.nimb.2021.01.007>
- Haenecour P.* & Bose M. (2020). Understanding our Solar System History through in-situ Nanoscale Analysis of Extraterrestrial Materials: A Special Issue for Dr. Christine Floss. *Meteoritics & Planetary Sciences*, 55, 6, 1153-1159. <https://doi.org/10.1111/maps.13489>

- Haenecour P., Floss, C., Brearley A. J., Zega T. J. (2020). The Effects of Secondary Processing in the Unique Carbonaceous Chondrite Miller Range 07687. *Meteoritics & Planetary Sciences*, 55, 6, 1228-1256. <https://doi.org/10.1111/maps.13477>
- Leitner J., Metzler K., Vollmer C., Floss C., Haenecour P., Kodolanyi J., Harries D., Hoppe P. (2020). The Presolar Grain Inventory of the Mighei-type (CM) Chondrites. *Meteoritics & Planetary Sciences*, 5, 6, 1176-1206. <https://doi.org/10.1111/maps.13412>
- Zega T. J., Haenecour P., Floss, C. (2020). An in-situ investigation of several circumstellar oxide and silicate grains in carbonaceous chondrites. *Meteoritics & Planetary Sciences*, 55, 6, 1207-1227. <https://doi.org/10.1111/maps.13418>
- Bernal J. J., Haenecour P., Howe J. Y., Zega T. J., Amari S., Amari S., Ziurys L. M. (2019). Formation of Interstellar C₆₀ from Silicon Carbide Circumstellar Grains. *The Astrophysical Journal Letters* 883, 2, L43, 6 pp. [10.3847/2041-8213/ab4206](https://doi.org/10.3847/2041-8213/ab4206)
- Haenecour P., Howe J. Y., Zega T. J., Amari S., Lodders K., et al. (2019). Laboratory identification of co-condensed O- and C-rich meteoritic stardust grains from nova outbursts. *Nature Astronomy* 3, 626-630. <https://doi.org/10.1038/s41550-019-0757-4>
- Haenecour P., Floss C., Zega T.J., Croat K. T., Jolliff B. L et al. (2018). Presolar Silicates in the Matrix and Fine-grained Rims Around Chondrules in Primitive CO3.0 Chondrites: Evidence for Pre-Accretionary Aqueous Alteration of the Rims in the Solar Nebula. *Geochimica Cosmochimica Acta* 221, pp. 379-405. <https://doi.org/10.1016/j.gca.2017.06.004>
- Floss C. & Haenecour P. (2016). Presolar Silicate Grains: Abundances, Isotopic and Elemental Compositions, and the Effects of Secondary Processing. *The Geochemical Journal* 50, pp. 3-25. <https://doi.org/10.2343/geochemj.2.0377>
- Haenecour P., Floss C., José J., Amari S., Lodders K., et al. (2016). Coordinated Analysis of Two Graphite Grains from the CO3.0 LAP 031117 Meteorite: First Identification of a CO Nova Graphite and a Presolar Iron Sulfide Subgrain. *The Astrophysical Journal* 825, 88. <https://doi.org/10.3847/0004-637X/825/2/88>
- Siegel C., Arndt N.T., Barnes S.J., Henriot, A-L., Haenecour P., Debaille V., Mattielli N. (2014). Fred's Flow (Canada) and Murphy Well (Australia): thick komatiitic lava flows with contrasting compositions, emplacement mechanisms and water contents. *Contributions to Mineralogy and Petrology* 168, pp. 1084. <https://doi.org/10.1007/s00410-014-1084-5>
- Haenecour P., Zhao X., Floss C., Lin Y. and Zinner E. (2013). First laboratory observation of silica grains from core-collapse supernovae. *The Astrophysical Journal Letters* 768, L17. <https://doi.org/10.1088/2041-8205/768/1/L17>
- Debaille V., O'Neill C., Brandon A. D., Haenecour P., et al. (2013). Stagnant-lid tectonics in early earth revealed by ¹⁴²Nd variations in late Archean rocks. *Earth & Planetary Science Letters* 373, 83-92. <https://doi.org/10.1016/j.epsl.2013.04.016>

Manuscripts in preparation and in review

- Seifert L.B., Haenecour P. and Zega T. J. (2021) Coordinated analyses of presolar silicate grains from AGB/RGB stars and supernovae. *Meteoritics & Planetary Sciences*, in revision.
- Ramprasad T., Haenecour P., Domanik K. and Zega T. J. (2021). A coordinated analysis of a compact type-A calcium-aluminum-rich inclusion from the Northwest Africa 5028 chondrite: Implications for nebular and parent-body processes. *Meteoritics & Planetary Sciences*, submitted.

Haenecour P., Howe J. Y., Zega T. J., Kaji K., Sunaoshi T., Atsushi M., Amari S., and Ramprasad T. Low-Voltage Scanning Transmission Electron Microscopy Study of Planetary Materials. Microscopy and Microanalysis, in preparation.

Haenecour P. and Floss C. Auger Electron Spectroscopy: Investigation of the Effects of Alteration on Sub-Micrometer Grains in Chondrite Matrices, in preparation.

Haenecour P., Howe J. Y., Zega T. J., Wallace P., Floss C., K. Kaji K., Sunaoshi T., Atsushi M., Wang A., and Yada T. Coordinated Analyses of Presolar Grains and Organic Matter in Fine-grained Antarctic Micrometeorite: Insight into the Injection of Supernova Dust into the Solar Nebula. Meteoritics & Planetary Sciences, in preparation.

Conference Abstracts (oral and poster presentations)

75. Smith L. R., Haenecour P., Barnes J. J., Dominik K., Neuman M., Wang K., Ogliore R. (2022). Mineralogy, Petrography, and Presolar Components of the Chwichiya 002 ungrouped Chondrite. *Lunar Planet. Sci. LII*, #2873.
74. Smith L. R., Haenecour P., Barnes J. J., Dominik K., Neuman M., Wang K., Ogliore R. (2022). Detailed Coordinated Analysis of the Mineralogy, Petrography and Elemental Composition of the Carbonaceous Chondrite Falls Tarda and Kolang. *Lunar Planet. Sci. LII*, #2832.
73. Seifert L. B., Haenecour P., Ramprasad T. and Zega T. J. (2022). Transmission Electron Microscopy Study of A Presolar Silicate from the Miller Range 07687 Chondrite. *Lunar Planet. Sci. LII*, submitted.
72. Haenecour P., Bennett C. A., Crombie M. K., Fitzgibbon M., Ferro A., Hammond D., McDonough E., Westermann M. M., Barnes J. J., Connolly H. C., Jr., and Laurretta D. S. (2022). SAMIS: A Micro Information System for OSIRIS-REx Sample Analysis Data Management. *Lunar Planet. Sci. LII*, #2471.
71. Haenecour, P. and Barnes J. (2022). In-Situ Heating Experiments of the Tarda Meteorite: Effects of Thermal Processing on Aqueously Altered Carbonaceous Chondrite. *Lunar Planet. Sci. LII*, #2607.
70. Haenecour P., Bennett C. A., Crombie M. K., Fitzgibbon M., Ferro A., Hammond D., McDonough E., Westermann M. M., Barnes J. J., Connolly H. C., Jr., and Laurretta D. S. (2021). The OSIRIS-REx Sample Analysis Micro Information System (SAMIS). *84th Annual Meeting of the Meteoritical Society*, # 6124.
69. Seifert L. B., Haenecour P., Zega T. J. (2021). Transmission Electron Microscopy in the Uniquely Altered Chondrite Miller Range 07687. *84th Annual Meeting of the Meteoritical Society*, # 6124.
68. Haenecour P. and Zega T. J. (2021). Simulations of Thermal Processing of Volatiles on Carbonaceous Asteroids. *Goldschmidt Conference*.
67. Haenecour P., Howe J., Zega T. J., Takeshi S. (2020). Thermal Processing of Organics and Volatiles in Carbonaceous Chondrites. *Goldschmidt Conference*.
66. Haenecour P. (2020). From Stars to the Solar System: Analysis of Stardust Grains in the Laboratory. 236th Meeting of the American Astronomical Society.
65. Seifert L. B., Haenecour P., Ramprasad T. and Zega T. J. (2020). Structure and Chemistry of a Supernova Orthopyroxene Grain in the CO Chondrite Dominion Range 08006. *Lunar Planet. Sci. LI*, #2471.

64. Haenecour P., Zega T. J., Howe J. Y., Sunaoshi T. (2019). Simulations of Thermal Processing in Carbonaceous Asteroids with In-Situ Heating of Meteoritic Materials. *The Asteroid Science in the Age of Hayabusa2 and OSIRIS-Rex Workshop*, Abstract #2046.
63. Zega T. J., Lauretta D. S., Barnes J. J., Haenecour P., Swindle T. D., Chang Y. J., Domanik K., Weber J. (2019). The Kuiper Materials Imaging and Characterization Facility at the University of Arizona: A New Laboratory for the Coordinated Analysis of Planetary Materials and Samples to be Returned by Hayabusa 2 and OSIRIS-Rex. *The Asteroid Science in the Age of Hayabusa2 and OSIRIS-Rex Workshop*, Abstract #2117.
62. Ramprasad T., Haenecour P., Zega T. J. (2019). Coordinated Analysis of a Compact Type-A Calcium-Aluminum-Rich Inclusion in the Northwest Africa (NWA) 5028 CR2 Chondrite: Implications for Refractory Inclusions to be Returned by the Hayabusa2 and OSIRIS-REx Missions? *The Asteroid Science in the Age of Hayabusa2 and OSIRIS-Rex Workshop*, Abstract #2134.
61. Seifert L. B., Haenecour P., Zega T. J. (2019). *Analysis of a Supernova Olivine Aggregate in the CO Chondrite Dominion Range 08006: Implications for the Measurement of Presolar Grains in Samples of Asteroids Bennu and Ryugu*. *The Asteroid Science in the Age of Hayabusa2 and OSIRIS-Rex Workshop*, Abstract #2135.
60. Haenecour P., Thompson M. S., Zega T. J., Howe J. Y., Chen W.-Y. (2019). In-situ Ion Irradiation and Heating Experiments in the Transmission Electron Microscope: Simulations of Dust Processing in Circumstellar Environments. *Proc. of Microsc. Microanal.*, Abstract # 0284_0413_000298.
59. Seifert L. B., Haenecour P., Zega T. J. and Ramprasad T. (2019). Coordinated Analyses of a Supernova Polycrystalline Olivine Aggregate in the CO Chondrite Dominion Range 08006 *Proc. of Microsc. Microanal.*, Abstract # 0284_0413_000571.
58. Ramprasad T., Haenecour P., Seifert L. and Zega T. J. (2019). Understanding the Origin and Evolution of Meteoritic Refractory Minerals Through Transmission Electron Microscopy. *Proc. of Microsc. Microanal.*, Abstract #0284_0413_000616.
57. Jadhav M., Haenecour P., Amari S., Davidson J., and Zega T.J. (2019). A Preliminary Search for Presolar Grains in a New Acid Residue of the Tagish Lake Meteorite. *Lunar Planet. Sci. L*, #3121.
56. Zega T.J, Bernal J. J., Howe J.Y., Haenecour P., Amari S., and Ziurys L. M. (2019). In Situ Irradiation and Heating of Synthetic SiC and Implications for the Origins of C-rich Circumstellar Materials. *Lunar Planet. Sci. L*, #2127.
55. McGlaun M. L., Thompson M. S., Vander Kaaden K. E., Loeffler M. J., McCubbin F. M., and Haenecour P. (2019). Understanding the Space Weathering of Mercury via Simulation of Micrometeorite Impacts. *Lunar Planet. Sci. L*, #2019.
54. Thompson M. S., Haenecour P., Howe J. Y., Laczniaak D. X., Zega T. J., Keller L. P., and Christoffersen R. (2019). Simulating Space Weathering in the Transmission Electron Microscope via Dynamic In Situ Heating and Helium Irradiation of Olivine. *Lunar Planet. Sci. L*, #1425.
53. Ramprasad T., Haenecour P., and Zega T. J. (2019). Microstructural Analysis of a Compact Type-A Calcium-Aluminum-Rich Inclusion in the NWA 5028 CR2 Chondrite. *Lunar Planet. Sci. L*, #2129.
52. Seifert L. B., Haenecour P., and Zega T. J. (2019). Elemental Composition and Microstructure of a Supernova Polycrystalline Olivine Aggregate in the CO Chondrite Dominion 08006. *Lunar Planet. Sci. L*, #2585.

51. *Haenecour P.*, Howe J. Y., Zega T. J., Sunaoshi T., Thompson M. S., Dogel S., and Sagar J. (2019). Thermal Alteration of Organics and Volatiles in Carbonaceous Chondrites: Insights from In-situ TEM Heating Experiments. *Lunar Planet. Sci. L*, #1469.
50. *Haenecour P.*, Floss C., Brearley A. J., Howe J. Y., and Zega T. J. (2019). A Large Donut-Shaped Presolar Silicate from the MIL 07687 Carbonaceous Chondrite. *Lunar Planet. Sci. L*, #1683.
49. *Haenecour P.*, Howe J. Y., Zega T. J., Wallace P., Amari S., Floss C., Lodders K., Kaji K., Sunaoshi T., and Atsushi M. (2018). Presolar Graphite: Insight into Redox Conditions in CO Nova Ejecta. Goldschmidt Conference, abstract #2018001235
48. Seifert L., *Haenecour P.*, Zega T. J., and Floss C. (2018). Multi-keV Analyses of a Presolar Mg-Silicate Grain via SEM/STEM. *Proc. of Microsc. Microanal.* 24, S1, pp 2098-2099.
47. Howe J. Y., *Haenecour P.*, Thompson M. S., Dogel S., Sunaoshi T., Sagar J., Hosseinkhannazer H., and Zega T. J. (2018). Nanoscale Investigation of Thermal Alteration of Chondritic Meteorites via Simultaneous Secondary and Transmitted Electron Imaging during *In Situ* Heating up to 1000°C. *Proc. of Microsc. Microanal.* 24, S1, pp 2102-2103.
46. *Haenecour P.*, Howe J. Y., Zega T. J., Amari S., Floss C., Wallace P., Lodders K., Kaji K., Sunaoshi T., and Atsushi M. (2018). Low-Voltage Energy-Dispersive X-ray Spectroscopy and Electron Energy-Loss Spectroscopy Analysis of Presolar Graphite Spherules. *Proc. of Microsc. Microanal.* 24, S1, pp 2110-2111.
45. *Haenecour P.*, Howe J. Y., Zega T. J., Wallace P., Amari S., Floss C., Lodders K., José J., Kaji K., Sunaoshi T., and Atsushi M. (2018). Microstructure and inclusions of both in-situ and acid-residue presolar graphite grains. *Lunar Planet. Sci. XLIX*, #1330.
44. *Haenecour P.*, Howe J. Y., Zega T. J., Wallace P., Atsushi M., Sunaoshi T., Kaji K., Floss C., and Yada T. (2018). Mineralogy and ¹⁵N-rich organic matter in the fine-grained Antarctic Micrometeorite T98G8: Evidence for a cometary origin? *Lunar Planet. Sci. XLIX*, #1507.
43. *Haenecour P.*, Zega T. J., Howe J. Y., Bose M., and Wallace P. (2017). Origins and Delivery of Volatile Elements in Terrestrial Planets: Insight from the Composition and Functional Chemistry of Organic Matter in Meteorites. *Habitable Worlds 2017 Workshop*, #4037.
42. Bose M., Zega T. J., *Haenecour P.*, and Domanik K. (2017). Correlated isotopic anomalies associated with organic matter in meteorites. *Habitable Worlds 2017 Workshop*, #4033.
41. *Haenecour P.*, Zega T. J., Bose M., and Howe J. Y. (2017). Electron Energy-Loss Spectroscopy of Deuterium-rich organic matter in the CM Chondrite QUE 97990. *80th Annual Meeting of the Meteoritical Society*, #6138.
40. Zega T. J., *Haenecour P.*, Floss C., and Howe J. Y. (2017). Polycrystalline presolar spinel identified in the DOM 08006 CO3.0 chondrite. *80th Annual Meeting of the Meteoritical Society*, #6319.
39. Bose M., Zega T. J., *Haenecour P.*, and Domanik K. (2017). Correlated Deuterium and Nitrogen isotopic enrichments in meteoritic organic matter. *80th Annual Meeting of the Meteoritical Society*, #6033.
38. *Haenecour P.*, Zega T. J., Howe J. Y., and Wallace P. (2017). Investigation of the nature of capping layer materials for FIB-SEM preparation: implications for the study of carbonaceous material in extraterrestrial samples. *Proc. of Microsc. Microanal.* 23, S1, pp. 1820-1821.
37. *Haenecour P.*, Floss C., Ogliore R., Wang A., and Yada T. (2017). Presolar grains in micrometeorites: evidence for the injection of supernova dust into the solar nebula. *Lunar Planet. Sci. XLVIII*, #1080.

36. *Haenecour P.*, Floss C., Zega T.J., Croat T.K., Wang A., Jolliff B.L. and Carpenter P. (2017). Pre-accretionary aqueous alteration of dust in fine-grained chondrule rims: evidence from presolar grains abundances and mineralogy in primitive CO3.0 chondrites. *Lunar Planet. Sci. XLVIII*, #2222.
35. *Haenecour P.* and Floss C. (2016) Stardust in the CO3.0 Chondrite NWA 8631: Low Abundance of Presolar Silicates. *Meteorit. Planet. Sci.* 51, #6209.
34. *Haenecour P.*, Floss C., Zega T. J., and Oglione R. (2016) Auger spectroscopy analysis of submicron-sized silicate grains in chondrites: insight into their aqueous and thermal alteration history. *Meteorit. Planet. Sci.* 51, #6354.
33. Floss C. and *Haenecour P.* (2016) Presolar Silicate Abundances in the Unequilibrated Ordinary Chondrites Meteorite Hills 00526 and Queen Alexandra Range 97008. *Meteorit. Planet. Sci.* 51, #6015.
32. *Haenecour P.*, Floss C., José J., Amari S., Lodders K., Jadhav M., Wang A., and Gyngard F. (2016) Presolar Graphite from a CO Nova. *Lunar Planet. Sci.* XLVII, #1580.
31. Floss C. and *Haenecour P.* (2016) Meteorite Hills (MET) 00526: An Unequilibrated Ordinary Chondrite with High Presolar Grain Abundances. *Lunar Planet. Sci.* XLVII, #1030.
30. Leitner J., Hoppe P., Metzler K., *Haenecour P.*, Floss C., and Vollmer C. (2015). Investigation of the Presolar Grain Inventory of the CM Chondrites. *The 2015 joint meeting of the Paneth Kolloquium*, submitted.
29. *Haenecour P.*, Floss C., Wang A., Gyngard F., Amari S., and Jadhav M. (2015). A unique presolar graphite in the CO3.0 chondrite LAP 031117. *Meteorit. Planet. Sci.* 50, #5006.
28. Zega T. J., *Haenecour P.*, Floss C., and Stroud R. M. (2015). Circumstellar magnetite identified in the LAP 031117 CO3.0 chondrite. *Meteorit. Planet. Sci.* 50, #5390.
27. Leitner J., Hoppe P., Metzler K., *Haenecour P.*, Floss C., and Vollmer C. (2015). The presolar grain inventory of CM chondrites. *Meteorit. Planet. Sci.* 50, #5178.
26. Floss C., Wiesman H., and *Haenecour P.* (2015). NanoSIMS and Auger analysis of impact craters from the Genesis ‘aluminum kidney’. *Meteorit. Planet. Sci.* 50, #5010.
25. Mattielli N., Hublet G., *Haenecour P.*, Duchemin C., and Debaille V. (2015). Correlated Zn-Mg Isotope Fractionation in the Archean Fred’s and Theo’s Flows. *Goldschmidt Conference*, #5926.
24. Zega T. J., *Haenecour P.*, Floss C., and Stroud R. M. (2015). Identification of Circumstellar Magnetite in the LaPaZ Icefield 031117 CO3.0 Chondrite. *Lunar Planet. Sci.* XLVI, #2828.
23. Croat T. K., *Haenecour P.*, and Floss C. (2015). FIB-TEM Studies of a Presolar SiC and the Surrounding Matrix in a Primitive CO3.0 Chondrite. *Lunar Planet. Sci.* XLVI, #2135.
22. *Haenecour P.*, Zega T. J., Croat T. K., and Jolliff B. L. (2015). Abundance and Elemental Compositions of Presolar Silicates in CO3.0 Chondrites: Possible Indicators of Secondary Processing? *Lunar Planet. Sci.* XLVI, #1160.
21. Mattielli N., *Haenecour P.*, Hublet G., Duchemin C., and Debaille V. (2014). Correlated Mg-Zn Isotope Fractionation in Archean Komatiitic Lava-flows. *Annual Meeting of The Geological Society of America*, #75-7.
20. *Haenecour P.*, Floss C., Wang A., and Yada T. (2014). Raman spectroscopy of organic matter in Antarctic micrometeorites. *Meteorit. Planet. Sci.* 49, A150.
19. *Haenecour P.*, Floss C., and Zega T.J. (2014). Spatial variation of presolar silicate abundances in CO3 chondrites: correlation with aqueous alteration? *Meteorit. Planet. Sci.* 49, #5042.

18. Haenecour P., Floss C., Wang A., and Yada T. (2014). Coordinated Analysis of Isotopic Anomalies in Antarctic Micrometeorites. *11th International GeoRaman Conference*, #5017.
17. Haenecour P., Floss C., Jolliff B. L., Zega T. J., Bose M., and Carpenter P. (2014). Presolar silicates as tracers of the formation of fine-grained chondrule rims in CO3 chondrites. *Lunar Planet. Sci. XLV*, #1316.
16. Wiesman H., Floss C., Haenecour P., and Wang A. (2014). Search for ultra-carbonaceous particles in the interplanetary dust collection. *Lunar Planet. Sci. XLV*, #1509.
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