

4th International Highly Siderophile Element Geochemistry Workshop



July 11-14th 2016

Durham University, UK

The 4th International Workshop on Highly Siderophile Element Geochemistry took place in Durham, United Kingdom (July 11th-14th 2016); it was Chaired by [Amy Riches](#), supported by a very effective and energetic organising team, and hosted by the [Durham Geochemistry Group](#) of the [Department of Earth Sciences](#).

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In the Media:

- Iron-loving elements featured in [ScienceNews!](#)
- [Featured in the Geochemical Society News in Elements.](#)
- [Full Meeting Report in Elements Magazine.](#)
- [Featured on the EAG blog.](#)

Summary:

This specialist workshop was a 3.5 day event and was open to all interested parties at an international level, attracting 75 presenting delegates. The meeting occurred between the [2016 Annual Goldschmidt Conference](#) and the [Annual Meeting of the Meteoritical Society](#). It complemented the [short course](#) on highly siderophile and strongly chalcophile elements in high temperature geochemistry and cosmochemistry held 7 months prior and linked to a [new RiMG volume](#).

The 4th HSE workshop was of cross-disciplinary appeal in covering analytical advances, as well as low-temperature and high-temperature geo- and cosmochemistry topics pertaining to HSEs and allied elements. The meeting and related activities provided opportunities for friendly exchange between scientists of all levels, thus offering the potential for all to accelerate knowledge/technology sharing and explore new observations that advance understanding of key geo- and cosmochemistry questions. Many useful new international collaborations nucleated during the workshop; these will be highly beneficial to continued progress in HSE frontier science and will support overall advances within the geochemistry community, help to create pathways for present and future students, and potentially provide for the early-stages of discussions to commercialise scientific applications for industry.

We hope to see many of you at the 5th HSE Workshop that we can only hope will take place in 2020!

79th Annual Meeting of the Meteoritical Society, Berlin: [Special Session - Planetary Evolution: Advances in meteoritical and lunar isotopic analyses](#)

Conveners - [Fienke Nanne](#), [Mario Fischer-Godde](#), [Helen Williams](#), and [Amy Riches](#).

Chaired by - [Fienke Nanne](#), and [Thomas Kruijer](#).

2016 Annual Goldschmidt Meeting, Yokohama, affiliate session: [Session 16a: Tracing Ocean Circulation - Past and Present](#)

Conveners - [Ruza Ivanovic](#), [Tina van de Flierdt](#), and [David Wilson](#)

Thank you to our sponsors. [The Meteoritical Society](#), [The Geochemical Society](#), [The European Association of Geochemistry](#), [ThermoFisher Scientific](#), [Engineering Design Plastics](#), [Nu Instruments](#), [The Geochemistry Group](#), [Applied Mineralogy Group](#), [Mineral Deposits Study Group](#), and the [Volcanic and Magmatic Study Group](#).

Organising Committee: [Amy Riches](#) (Chair),

[Fienke Nanne](#), [Edward Inglis](#), [Kathi Schweitzer](#), [Geoff Nowell](#), [Chris Ottley](#), [Marc-Alban Millet](#), [Paul Savage](#), [Kevin Burton](#), [Dave Selby](#), [Helen M. Williams](#), [Chris Dale](#), and [Pierre Bouilhol](#),

STUDENT AWARDS

Thank you to Chris Ottley for recruiting and coordinating the judges of student awards. Thank you to all the external volunteers of varied HSE expertise for their generous service in judging the student awards. Thank you to Laurie Reisberg, president of the Geochemical Society, for her closing remarks and contributions to the meeting. We all now look forward to a productive future as a cooperative and broad-based community of HSE scientists.

All student presentations achieved a very high-degree of excellence and the judges found final decisions challenging to make.



From left to right: Kate Horan, Leanne Staddon, President of the Geochemical Society Laurie Reisberg, Fienke Nanne, and Luke Daly.

Best student talk

Fienke Nanne, Durham University, UK
Testing the late-veener hypothesis with Os stable isotopes

Highly commended student talk

Luke Daly, Curtin University, Western Australia
Atom Probe Tomography of Refractory Metal Nuggets

Best student poster

Kate Horan, Durham University, UK
Enhanced oxidative weathering in glaciated mountain catchments: a stabilising feedback on atmospheric carbon dioxide

Highly commended student poster

Leanne Staddon, University of Bristol, UK
Re-Os ages of detrital grains from Jack Hills and Mt Narryer, Australia

All winners received a certificate, a voucher, and recognition of their accomplishment.