



GEOTRACES Workshop – Stable isotopes of biologically important trace metals

Imperial College London, UK, 13-14 September 2012

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Stable isotope analyses of biologically important trace metals such as *Fe*, *Ni*, *Cu*, *Zn*, and *Cd* in seawater and other marine samples (e.g., particles, sediments, aerosols) are extremely challenging but there are many known and potential scientific rewards. Isotopic analyses of related trace metals, such as *Pb*, offer similar analytical challenges and complementary insights into marine biogeochemical cycles.

We will host a workshop to discuss analytical and scientific aspects of isotopic analyses for such elements in seawater and solid samples. Important issues to be discussed will include:

- Sample collection, analytical techniques and isotopic standards
- Intercalibration and intercomparison of data – past results and future plans
- State of the art – presentation, interpretation and discussion of recent results
- Quo vadis – what scientific issues need to be addressed and how?

We are planning for a 2-day workshop at Imperial College London, with a late morning start on Thursday 13/9 and an afternoon finish on Friday 14/9. The meeting will consist of a series of talks with ample time for discussion, targeted round-table discussions and poster presentations.

To help plan the event, please register your interest/participation with us by 15 June with an email to: markrehk@imperial.ac.uk

In your email, please also:

- send a *title and very brief description* (of a few sentences) of what you would like to present at the workshop and any preference for oral/poster. Also mention any topics that you think should be debated.

- state whether you would like to take advantage of *on-campus accommodation* in student halls. These rooms are reasonably priced at £72 and £94 for single and twin rooms, respectively (including breakfast but not VAT), and are available on a first-come first-served basis.

Please note that we can only accommodate a limited number of participants at the workshop. This should only be a problem if interest is overwhelming and confirmation will be sent to applicants by the end of June, after all registrations have been received.

Funding will be available to cover the cost of travel and accommodation for some participants and funding decisions will also be made by the end of June. Please indicate whether you would be able to attend the meeting in the absence of funding.

We hope to hear from you soon,

Mark Rehkämper, Tina van de Flierdt, Dominik Weiss, Gideon Henderson, Hein de Baar



Imperial College
London



Mass Spectrometry and Isotope Geochemistry at Imperial College London

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EARTH SCIENCE AND ENGINEERING

