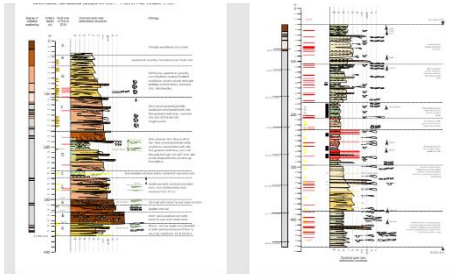




Jena, Jan. 30, 2023

The BASE Newsletter, vol. 4, issue 3



Sampling, logging and drafting in the past few days and comparing calendars gave us confidence to project a date for the BASE sampling workshop. Please mark

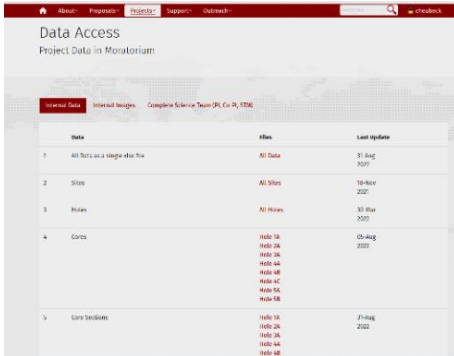
Monday, Sept. 11 and Tuesday, Sept. 12, 2023; BGR core repository, Wilhelmstr. 25-30, Spandau, Germany

in your calendar and plan to attend.



The program is still very much in flux and we will try to be as accommodating and pragmatic as possible. Please let us hear your suggestions:

Preparation: Prior to the workshop, all science teams should have informed themselves to the fullest degree possible on what they will want to sample, using the data already on our ICDP web pages (lithologies, thicknesses, core photos, geophysical logs) and those data which will gradually appear there (XRF scans, XRF powder data, strat. columns, possibly hyperspectral data). We will describe those data sets in coming newsletters. We will determine later at what time we will ask you to enter your requests in the mDIS system (using the sample request form) but certainly want to identify potential sampling overlaps and conflicts well before the meeting.



Preliminary program ("First Circular"):

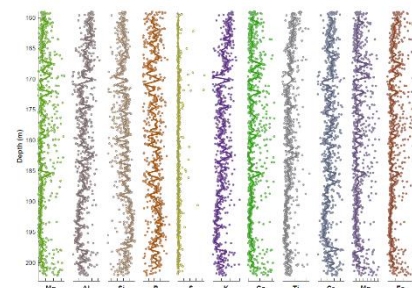
Monday, Sept. 11 and Tuesday, Sept. 12, 2023: Plenary meeting for all members of the BASE Science Team

(1) Overview talks; reminder of basic objectives and selection criteria. Brief reviews of operations, core processing, existing database etc. This may take half a day.



(2) Core-by-core presentations (brief; ca. 20 minutes ?) followed by visual inspection of the core (as a group?); no marking yet. Discussion in small groups. This may take a day and a half. There are 65 to 95 core trays per borehole, so laying out even one core will consume a lot of space. Stacking the trays back on pallets and laying out new core may take an hour, so there will be time for subgroup meetings and short presentations about proposed research. Last opportunity for decent photos prior to slabbing?

(3) Other business: Funding, timelines, next meetings; planning for "first results" symposia etc.



Wednesday, Sept. 13 and Thursday, Sept. 14: "Claim time": Core will be laid out again, starting with the core "of highest interest to the largest number of people from far away". On that core, all science team members with interest in the core (not just the far-traveled) are invited to mark samples they request (sticky notes?) and file their claims digitally using the sample request forms - if not done already



earlier. Depending on how smoothly and conflict-free this claiming proceeds, we may already start cutting and bagging the first requested samples. It will need some well-thought-out rules and perhaps some queuing to make this work smoothly.

Friday, Sept. 15: All core may be marked by that time. Cutting of samples proceeds now full time. Workshop attendants will gradually depart.

The core repository is part of a federal agency. They close at 5:30 p.m. or so. I will inquire whether we can't work (with supervision) that weekend and about additional indoors or outdoors layout space.

The [German Geological Society DGGV](#) will hold its Annual Meeting in Berlin (same metropolitan area) in the week prior to the sampling workshop, the [German Paleontological Society](#) its meeting in Jena in the week following (Sept. 18-22) the sampling workshop. Both meetings will have Early Life Symposia with presentations on the BGB. I will prepare rock exhibitions on Early Archean surface environments in both venues and will give a workshop at the Jena meeting. Synergetic opportunities.

Of course, we will later send out a "Second Circular" about logistics, accommodation etc.

Frohes Forschen !

Christoph Heubeck and the SMB