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icdp news: winter 2020

icdp | INTERNATIONAL CONTINENTAL SCIENTIFIC DRILLING PROGRAM



to all our icdp friends

from **Marco Bohnhoff**,
icdp Executive Director



A biostratigraphically significant (and magnificent!) ammonite (photo: Amy Elson) and a crinoid ossicle (part of a 'sea lily') from Prees core (JET project) which occur in strata of probably Sinemurian age.

An in many aspects unusual year is slowly coming to an end. We all hope that the current restrictions caused by the ongoing pandemic will end at some point, better sooner than later. However, we all have to find a way to progress with our research as well as possible - even under these circumstances. Given the travel restrictions we will hold our annual AGU town hall meeting online and hope to catch up with you at least virtually in front of the well-known screen.

It is a great achievement that the ICDP-JET project managed to get the drill bit into the ground despite the limiting boundary conditions and I congratulate the PIs on their great achievement.

For those not able to attend our town hall: please already now accept my best wishes for a peaceful and healthy holiday season and a motivated start into 2021.

All the best, Marco Bohnhoff



Virtual ICDP & LacCore

Town Hall Meeting on 7 Dec

ICDP kindly invites you to attend online the ICDP Town Hall Meeting on December 7th, 2020. This Town Hall Meeting will be a great opportunity to meet ICDP representatives and scientists for program updates, future developments and to discuss continental Scientific Drilling. The meeting will be jointly held with colleagues of the US CSDCO and is accessible through:

<https://us02web.zoom.us/j/83270434770>

Meeting-ID: 832 7043 4770

Code: ICDP

Date and Time: 7th December 2020, 4pm Central European Time, 7am Pacific Standard Time, 10am Eastern Standard Time, 11pm China Standard Time.

We are looking forward to welcome you to this event.



First ICDP

mDIS applications

The Drilling Information System (DIS) has been developed and successfully used for acquisition and curation of data and samples in ICDP over the last 20 years. To keep up with modern requirements, the OSG team developed the mDIS (mobile Drilling Information System) based on open-source software. The program is now platform-independent, responsive and easy adaptable to project specific needs.

The first two projects, COSC-2 and JET successfully apply the new "Expedition-mDIS" for sample and data management during drilling. Moreover, the OSG team started the data migration to mDIS of the long lasting and still highly active ICDP project "FAR-DEEP" as well as for the core repository of the Federal Institute for Geosciences and Natural Resources (BGR) for ICDP cores in Spandau, Germany.

Further information about the mDIS is available from the OSG data team at: dm@icdp-online.org.



JET drilling

in full swing

The JET project successfully started drilling in Prees, Cheshire Basin, UK, on the 7th of November with a first core arriving on the day after. The core recovery from ~50 to ~175 m (at time of writing, November 13th) is almost 100% and the quality of the cores is excellent. The rock is a variably shelly dark grey/brown mudstone containing a large number of ammonite, belemnite, bivalve, and brachiopod fossils. The cores will be used for astrochronology, biostratigraphy, chemostratigraphy, magnetostratigraphy, and geochemical palaeoceanography, amongst other applications. Despite current restrictions it was possible to assemble a core team of on-site scientists, including PI Steve Hesselbo and colleagues from Exeter, Leeds and Southampton universities, and the British Geological Survey. A small team from Exeter University and the British Geological Survey are working in parallel at the National Core Repository and Core Scanning Facility (CSF) in Keyworth, Nottingham, logging and scanning the core sections that are transported from Prees.



important

Deadlines in January 2021

January 2021 holds important deadlines for ICDP proposal submission (15 January) as well as submission of abstracts for the purely virtual 2021 EGU General Assembly (13 January at 13:00 CET). The ICDP and IODP conveners of the EGU session "Achievements and perspectives in scientific ocean and continental drilling" kindly invite you to submit abstracts related to research drilling.



Season's greetings and warm wishes for the New Year



Stay safe, stay healthy, keep calm & drill

your icdp team from potsdam