

Listing of anticipated PRESENTATIONS and ABSTRACT submissions

ANDRILL SMS Project Core Workshop

Antarctic Marine Geology Research Facility, Florida State University

30 April to 3 May, 2008

These pages describe Presentations and accompanying Extended Abstracts that Co-Chief Scientists invite to be presented at the Core Workshop. Please review this list of subjects/disciplines, discuss with your colleagues and Discipline Team Leaders, and confirm by e-mail to Fabio Florindo florindo@ingv.it the title, the speaker(s), and author list. Presentations will be ~ 10 to 15 minutes long, and the discipline team presentations will be scheduled by Discipline Team Leaders. The abstracts will be distributed in advance of the workshop, and available on-line.

Presentations and Extended Abstracts should be prepared with these topics in mind: (1) update of current results; (2) interpretation and integration of SMS data; (3) future data collection and research plans; and (4) exciting scientific results. These may be separated for presentation on different workshop days (see below), perhaps by different team members, but reported in one abstract. Please refer to the attached abstract preparation guidelines.

If you feel that your new post-drilling results on the SMS Project cannot be incorporated into one of the Presentations listed below, then please write to the Co-Chief Scientists and Discipline Team Leader and propose the subject of a new Presentation and Abstract. If it makes sense to combine subjects, please do so. If data are not yet available, please let the Co-Chiefs know. The listing of prospective authors is tentative, to be decided by you and your colleagues as to who will take the lead; please also add names to the list of authors to include colleagues that we forgot inadvertently to include. This is a working draft only. Some SMS Science Team members who have not yet received sample materials, or who have not engaged in the SMS Science Plan, are not yet listed.

Abstracts are due to Fabio Florindo by 11 April. The Workshop will follow the outline below, with core tours of selected intervals in the afternoon of days 2 to 4. Please let the Co-Chiefs and DTL know if there are preferred intervals of the core that you would like to see on display during the core workshop.

Tentative Workshop Format:

Day 1: Discipline Team research updates and work plan still required for the Initial Report Volume;

Day 2: Thinking beyond the CC phase and Initial Report; proposals; big science stories; and integration papers; afternoon core tour of selected intervals; and break-out group discussions;

Day 3: Planning the SD phase; future research directions; development and integration of research ideas; afternoon core tour of selected intervals; and break-out group discussions;

Day 4: Upcoming conferences, Collaborators, Media, Education and Outreach, supplementary proposals; afternoon core tour of selected intervals.

SUBJECT/DISCIPLINE

Sedimentology and Stratigraphy

Sedimentology and stratigraphy

Sedimentary facies

Clay mineralogy

Clastology

Sea-ice surface sediments: aeolian

AUTHORS

Chair: Fielding

Fielding, Passchier, Krissek, Pekar,

Blackstone, Koss, Falk, others

Browne, Fielding, Passchier, Pekar, others

Ehrmann

Talarico, Sandroni, Cornamusini

Atkins, Dunbar

SUBJECT/DISCIPLINE

Physical Properties

Core measurements
MST Data
Fracture logging and structural geology

Downhole measurements
Borehole geophysics
VSP and seismic correlation
Hydrofracture

Chronostratigraphy

Ar/Ar dating of volcanic materials

Sr isotope dating of carbonate materials
Paleomagnetic stratigraphy

Age model synthesis

Paleontology

Micropaleontology
Diatom biostratigraphy and paleoecology
Foram biostratigraphy and paleoecology
Calcareous nannofossil paleontology
Radiolarians

Palynology

Macropaleontology
Marine macrofossils
Terrestrial macrofossils and organic remains

Microbiology

Geochemistry and Petrology

Pore Water Geochemistry
TEX 86 Paleotemperatures
Diagenesis
Carbonate geochemistry
N isotopes
Stable isotopes on foraminifera
XRF analyses
Volcanic petrology and igneous evolution
Sedimentary petrology of core and clasts

Modeling

Education and Outreach

ARISE Projects

Media and Outreach Activities

AUTHORS

Chair: Paulsen

Dunbar, Atkins, Magens, Niessen
Paulsen, Wilson, Millan, Pierdominici,
Montone, Drew

Wonik, Schroeder, Grelle, Handwerger, Jarrard
Speece, Henrys, Fielding, Paterson, Harwood, Levy
Schmitt, Paulsen, Pierdominici, Wilson, Montone

Chair: Acton

DiVincenzo, Del Carlo, Rocchi, Panter,
Grande, Gemelli
Mukasa, Stefano, Marcano, Andronikov
Acton, Wilson, Florindo, Jovane, Ohneiser,
Sagnotti, Verosub, Strada, Lum
Acton, Levy, Crampton, Cody, Harwood, Florindo

Chair: Taviani

Olney, Tuzzi, Riesselman, Harwood
Ishman, Johnson, Lirer
Wise, DiStefano, Blair, Villa, Persico
Hollis
Warny, Hannah, Mohr, Raine, Askin, others

Taviani, Beu, Ceregato, Nielsen
Corrado, Aldega, Botti, Kennedy
Lencewski, Cumpston

Chairs: Talarico and Panter

Frank, Zi Gui
Sangiorgi
Frank
Mukasa, Stefano, Marcano, Andronikov, Frank
Riesselman
Sprovieri, Lirer, Salvagio, Manta, Pelosi
Van Eynatten, Kuhn, Hoffmann, Reichelt
Panter, Del Carlo, Rocchi, Storey, others
Bassett, Field, others

DeConto and Pollard

Chair: Huffman

Huffman, Pound, Mankoff, Hubbard, diClemente,
Cattadori, Williams, Dooley, Frisch-Gleason,
Lehmann
Lacy, Huffman and others