

# CHIKYU+10 INTERNATIONAL WORKSHOP

## DAILY PROGRAM

**Sunday, 21 April**

**Doors Open at 09:00**

**09:00 – 09:30:**

Registration; audience is seated by 09:30

**09:30 – 10:00:**

(Logistical Announcements: 5 minutes)  
Opening Remarks by MEXT and JAMSTEC  
Moderator: Hitoshi Hotta, Executive Director, JAMSTEC

**10:00 – 10:20:**

Introduction to the Deep-sea Drilling Vessel CHIKYU  
Moderator: Wataru Azuma, Director, CDEX  
Presenters: T. Saruhashi and CDEX staff

**10:20 – 10:30:**

Introduction to Scientific Program / Goals of Workshop  
Mike Coffin, Chair, CHIKYU+10 Steering Committee

**10:30 – 11:00: Coffee Break / Discussion**

**11:00 – 12:30:**

**PANEL: CHIKYU's First 10 Years: Remarks by Expedition Co-Chiefs**

Moderator: Kiyoshi Suyehiro, President and CEO, IODP-MI  
Panelists: H. Tobin (NanTroSEIZE), K. Takai (Exp 331),  
F. Inagaki (Exp 337), J. Mori (Exp 343)

**12:30 – 14:00: Lunch / Posters**

**14:00 – 15:30**

**Keynote Talks and Theme Introductions**

Moderator: M. Coffin, University of Tasmania  
NASA's Decadal Planning of Solar System Exploration  
G. Vane, Caltech / Jet Propulsion Laboratory  
Chikyu and ICDP: Partners in Scientific Drilling  
B. Horsfield, GFZ German Research Centre for Geosciences  
Scientific Drilling in the Indian Ocean to Unravel Complex Geo-Scientific Issues  
D. Pandey, National Centre for Antarctic and Ocean Research, India  
Microbial Expectations for the Marine Deep Subsurface  
K. Neelson, University of Southern California  
Workshop Theme Overview: Deep Life and Hydrothermal Systems  
K. Kato, Shizuoka University and W. Bach, University of Bremen

**15:30 – 16:00:**

**Coffee Break / Discussion**

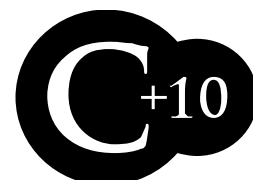
**16:00 – 18:30:**

**Keynote Talks and Theme Introductions**

Moderator: M. Coffin  
Exploring the Solar System with Scientific Ocean Drilling  
C. Neal, University of Notre Dame  
Ocean Crust / Mantle and the Deep Carbon Cycle  
C. Manning, University of California, Los Angeles  
Workshop Theme Overview: Ocean Crust and Earth's Mantle  
J. Kimura, IFREE/JAMSTEC  
Workshop Theme Overview: Active Faults  
C. Moore, University of California, Santa Cruz  
<Change Speaker Seating>  
Challenges in Mesozoic Paleooceanography  
E. Erba, University of Milan  
Formation of Continental Crust at Convergent Margins  
R. Stern, University of Texas at Dallas  
Workshop Theme Overview: Sediment Secrets  
D. Kroon, University of Edinburgh  
Workshop Theme Overview: Continent Formation  
K. Okino, University of Tokyo

**19:00 – 20:45**

**RECEPTION at Gakushi-kaikan**



# CHIKYU+10 INTERNATIONAL WORKSHOP

## DAILY PROGRAM

**Monday, 22 April**

**09:10 – 09:30:**

**Doors Open at 09:00**

**Keynote Talks: Projects from IODP**

Moderator: H. Given, Deputy to President, IODP-MI  
Ocean Creates Continent: Deep Drilling in Izu-Bonin Margin  
Y. Tatsumi, Kobe University and IFREE/JAMSTEC  
Costa Rica Seismogenesis Project CRISP  
C. Ranero, Barcelona Center for Subsurface Imaging, Spain

**09:30 – 11:00:**

**Thematic Panels: Deep Life and Hydrothermal Systems  
Deep Biosphere Exploration**

(30 min; Moderator K. Kato)  
Panelists: H. Mills (119), R. Hayman (076), F. Inagaki (112), Takai (023)  
Associated Posters: N. Xiao (090), Y. Morono (054), G. Ramirez (096)

**Some Ideas on Hydrogen and Hydrocarbons**

(30 min; Moderator K. Nealson)  
Panelists: H. Tomaru (053), J. Kim (103), S. Kawagucci (033)

**Hydrothermal Systems**

(30 min; Moderator G. Wheat, Univ of Alaska Fairbanks)  
Panelists: M. Jutzler (036), C. deRonde (122), C. Yeats (120), H. Kumagai (082)  
Associated Posters: J. Ishibashi (097), T. Toki (035)

**11:00 – 11:30:**

**Coffee Break / Discussion**

**11:30 – 13:00:**

**ATTENTION! 2 PARALLEL SESSIONS**

**Thematic Panels: Continent Formation**

**11:30 – 13:00:**

**IBM4: Perspective and Strategy**

(60 min; Moderators Y. Tamura and K. Kelley)  
Panelists: Y. Tamura (013), S. Straub (074),  
K. Kelley (046), H. Freymuth (071)  
with Y. Tatsumi

<short discussion>

Panelists: A. Nichols (034), K. Takai (101),  
J. Kimura (019)

**Comparative Studies, Continent Formation**

(30 min, Moderator R. Stern)

Panelists: B. Jicha (021), G. Yogodzinski (117),  
O. Ishizuka (022), S. DeBari (038),  
C. Busby (029)

**Thematic Panels: Sediment Secrets**

**11:30 – 13:00:**

**Tectonics and Climate / Sedimentation**

(20 min; Moderator G. Browne)  
Panelists: R. Stern (089), X. Zhao (100),  
G. Browne (124)

**High-Resolution Climate Archives**

(25 min; Moderator M. Chen)  
Panelists: R. Behl (017), T. Yamazaki (083),  
MT. Chen (024), Y. Suganuma (095)

**Cretaceous Paleoceanography**

(25 min; Moderator J. Kuroda)  
Panelists: M. Coffin (057), N. Ohkouchi (018),  
C. Foster (069), J. Kuroda (025)  
with E. Erba

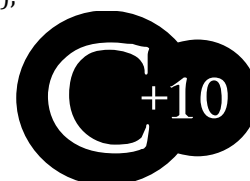
**Sub-Salt Environments**

(20 min; Moderator A. Camerlenghi)  
Panelists: H. Daigle (028), A. Camerlenghi (067),  
M. Rabineau (115)

**13:00 – 14:00:**

**Lunch / Posters**

General Posters: U. Udrekx (073), A. Rodnikov (010), S. Wu (042),  
S. Planke (114), YG. Kim (104)



**Thematic Panels, Ocean Crust and Earth's Mantle**

**14:00 – 15:45:**

**Drilling to the Mantle; Ocean Plate Formation and Architecture Part 1**

(45 min; Moderator N. Seama and B. Ildefonse)  
Panelists: J. Natland (093), Y. Kawamura (123),  
S. Umino (015), J. Koepke (126),  
N. Akizawa (56)

**Drilling to the Mantle; Ocean Plate Formation and Architecture Part 2**

(60 min; Moderator E. Hellebrand)  
Panelists: T. Fujiwara (040), J. Day (045),  
H. Dick (050), E. Hellebrand (085),  
Y. Ohara (052), Y. Harigane (059),  
T. Sato (061)

**15:45 – 16:15: Coffee Break / Posters**

**16:15 – 17:45:**

**Ocean Plate Modification, Aging, and Recycling**

(50 min; Moderator J. Morgan)  
Panelists: N. Abe (098), K. Johnson (077),  
J. Morgan (011), T. Morishita (084),  
T. Sakuyama (094)

**Large Igneous Provinces: Deep Mantle Dynamics and Environmental Impact**

(45 min; Moderator C. Neal)  
Panelists: T. Sano (008), M. Tejada (032),  
X. Zhao (002), C. Neal (047),  
F. Maeno (068)  
Associated Posters: M. Nakanishi (055),  
S. Miura (060), T. Hanyu (058),  
H. Kawahata (113)

**17:45 – 19:00:**

**Ocean Crust and Earth's Mantle Posters / Discussion**

(or re-join Active Faults, Long-Term Monitoring panel)

**Thematic Panels, Active Faults**

**14:00 – 15:30:**

**Investigating Slow Slip Events**

(45 min; Moderators Y. Ito and L. Wallace)  
Panelists: L. Wallace (030), Y. Ito (092),  
R. Kobayashi (105)  
Associated Posters: R. Kobayashi (106) and  
T. Sato (031)

**Japan Trench**

(45 min; Moderators S. Kodaira and J. Sample)  
Panelists: S. Kodaira (064), K. Ujiie (066),  
J. Sample (048), Hino (041),  
Hirose (039): 30 min  
K. Ikehara (001), M. Strasser (063),  
T. Kanamatsu (102), Morita (110):  
10 min  
Associated Posters: K. Ikehara (001),  
M. Strasser (063), T. Kanamatsu (102),  
S. Morita (110)

**15:30 – 16:00: Coffee Break / Posters**

**16:00 – 17:15:**

**Costa Rica Subduction Zone Studies**

(40 min; Moderator P. Vannuchi)  
Panelists: P. Vannuchi (003),  
A. Sakaguchi (107), Tanigawa (037),  
Protti (005) with C. Ranero

**Faulting in Oceanic Crust**

(30 min; Moderator: J. Mori)  
Panelists: G. Fujie (079), P. Henry (128),  
J. Mori (78), A. Ishiwatari (108),  
X. Gao (088)

**17:15 – 18:00 Break / Posters / Discussion**

**18:00 – 19:00:**

**4D Instrumentation and Long-Term Monitoring**

(30 min; Moderator K. Becker)  
Panelists: R. Hyndman (004), E. Davis (026),  
Y. Hashimoto (051), W. Lin (080)  
Associated Posters: I. Song (116)

**Nankai Trough Seismogenic Zone Experiment (NanTroSEIZE)**

(30 min; Moderators G. Kimura and H. Tobin)  
Panelists: G. Kimura (065), JO. Park (070),  
H. Tobin (075), E. Araki (111)  
Associated Posters: M. Iwai (087), S. Horozal (091)

**19:00 – 19:30:**

**Active Faults Posters / Discussion**

