

## SYMPOSIUM PROGRAM

### DAY 1: SEPTEMBER 4 (THURSDAY)

**09:00 - 09:40 Registration**

**09:40 - 11:00 Opening Session**

**Chairperson: Dr. Tohru Ohta**

**09:40 - 09:50 Welcome speech**

Prof. Yasufumi Iryu

(President of the Geological Society of Japan)

**09:50 - 10:20 Opening address**

Prof. Hisao Ando (IGCP608 Project Leader)

**10:20 - 11:00 Keynote Speech**

James W. Haggart: Biostratigraphy, paleoenvironments, and tectonic setting of the Cretaceous System of Pacific coast North America: towards a circum-North Pacific integrated correlation framework

**11:00 - 11:25 Group Photo & Coffee Break**

**Session 1: OAE phenomena contributed from Asian and Western Pacific Records – I**

**Chairpersons: Prof. Allan G.S. Fernando and Prof. Hiroshi Nishi**

**11:25 - 11:45 Kazuyoshi Moriya**

Prof. Hirano's contribution to natural sciences of Oceanic Anoxic Events: Phyletic evolution of desmoceratine ammonoids through the Cenomanian–Turonian oceanic anoxic event

**11:45 - 12:05 Junichiro Kuroda**

Radiogenic isotopic records of Early Cretaceous marine sediments: implications for large igneous provinces and the Aptian climatic crisis

(Kuroda, J., Tanimizu, M., Tejada, M.L.G., Hori, R.S., Suzuki, K., Ogawa, N.O., Coffin, M.F. and Ohkouchi, N.)

**12:05 - 12:45 David Selby**

**Keynote Speech:** High-resolution  $^{187}\text{Os}/^{188}\text{Os}$  isotope stratigraphy and  $^{206}\text{Pb}/^{238}\text{U}$  zircon geochronology reveal and verify the global occurrence of OAE 2: Yezo Group, Hokkaido, Japan (Du Vivier, A.D.C., Selby, D., Condon, D.J., Takashima, R. and Nishi, H.)

**12:45 - 13:50**

**Lunch**

**Session 2: OAE phenomena contributed from Asian and Western Pacific Records - II**

**Chairpersons: Dr. David Selby and Dr. Junichiro Kuroda**

**13:50 - 14:10 Hiroshi Nishi**

Integrated Stratigraphy and U-Pb ages of the Cretaceous Yezo Group, exposed in Hokkaido, Japan

(Nishi, H., Takashima, R., Yamanaka, T., Orihashi, Y. and Hayashi, K.)

**14:10 - 14:30 Naohiko Ohkouchi**

A fingerprint of primary producers during the OAEs

(Ohkouchi, N., Ogawa, N.O., Kashiyama, Y. and Kuroda, J.)

- 14:30 - 14:50** Takuto Ando Primary producer community during the mid-Cretaceous oceanic anoxic events (OAEs) evaluated from algal biomarkers in sediments deposited in the Vocontian Basin, SE France  
(Ando, T., Sawada, K., Takashima, R. and Nishi, H.)
- 14:50 - 15:10** Hideko Takayanagi A newly identified positive excursion of  $^{87}\text{Sr}/^{86}\text{Sr}$  ratio in the Lower Aptian platform carbonates offshore Abu Dhabi, UAE: Is it a local or global signature of Ocean Anoxic Event 1a?  
(Yamamoto, K., Ishibashi, M., Takayanagi, H., Asahara, Y., Sato, T., Nishi, H. and Iryu, Y.)
- 15:10 - 15:30** Clarence Magtoto Calcareous nannofossil biostratigraphy of the Cenomanian-Turonian Oceanic Anoxic Event 2 (OAE2) record in California, USA  
(Clarence Magtoto, Fernando, A.G.S., Takashima, R., Nishi, H. and Tomosugi, T.)
- 15:30 - 15:50** Takashi Hasegawa Another world of OAE2: development of oxic water around Pacific margin
- 15:50 - 16:10** **Coffee Break**

**Session 3: Biotic evolution: Asian and Western Pacific fauna and flora I - Microfauna**  
**Chairpersons: Dr. Bandana Samant and Prof. Takashi Hasegawa**

- 16:10 - 16:30** Allan G.S. Fernando Updates on Philippine Cretaceous system: Recent calcareous nannofossil biostratigraphic studies on selected Cretaceous localities in the Philippines  
(Fernando, A.G.S., Magtoto, C.Y., Guballa, J.D.S., Marquez-Ardiente, D.J., Nogot, J.R.C.P. and Uy, M.A.C.)
- 16:30 - 16:50** Kenji Kashiwagi Mesozoic and Paleozoic radiolarians from the Lower Cretaceous Choshi Group, Japan  
(Kashiwagi, K., Isaji, S. and Asai, H.)
- 16:50 - 17:10** Zaw Win Early Cretaceous foraminiferal fauna from the western margin of the Shan Plateau, Myanmar
- 18:00 - 20:00** **Welcome Party (RIHGA Royal Hotel Tokyo)**

## DAY 2: SEPTEMBER 5 (FRIDAY)

### Session 4: Biotic evolution: Asian and Western Pacific fauna and flora II - Microflora Chairpersons: Dr. Kenji Kashiwagi

**09:10 - 09:30** Jyotsana Rai Late Cretaceous calcareous nannofossils from Nimar Sandstone, Bagh area, central peninsular India  
(Rai, J., Garg R., Singh, A., Garg, S., Bajpai, S., Kapur, V.V., Agarwal, S. and Tripathi, S.C.)

**09:30 - 09:50** Deepali Thakre Palynofloral changes across Cretaceous-Paleogene: A case study from Deccan Volcanic Sequence in Amarkantak Group of Central India  
(Thakre, D., Samant, B. and Mohabey, D.M.)

**09:50 - 10:10** Bandana Samant Pattern of biodiversity changes in Late Cretaceous-Early Paleocene palynoflora of Deccan volcanic province  
(Samant, B. and Mohabey, D.M.)

**10:10 - 10:30** Neeru Prakash First record of pollen organ genus *Caytonanthus* Thomas, from Early Cretaceous beds of South Rewa Gondwana Basin, India and its palaeogeographical significance  
(Prakash, N. and Das, N.)

**10:30 - 10:50** **Coffee Break**

**Chairpersons: Dr. Jyotsana Rai and Dr. Robert G. Jenkins**

**10:50 - 11:10** Kohei Yoshino Campanian-Maastrichtian palynomorph assemblages from East Asia  
(Yoshino, K., Matsuoka, A. and Wan, X.)

**11:10 - 11:30** Valentina S. Markevich Evolution of morphotypes of triprojectate pollen during the Late Cretaceous-Paleocene of East Asia  
(Markevich, V.S. and Bugdaeva, E.)

**11:30 - 11:50** Eugenia V. Bugdaeva The Cretaceous coal-forming plants of southern part of East Siberia and Russian Far East  
(Bugdaeva, E.V. and Markevich, V. S.)

**11:50 - 13:00** **Lunch**

**13:00 - 14:00** **Poster Session I**

## **Session 5: Geoparks highlighting Cretaceous**

**Chairpersons: Dr. Masanobu Yamamoto and Dr. Kenichi Kurihara**

- 14:00 - 14:20** Jim W. Haggart      The Tumbler Ridge Aspiring Geopark, northeast British Columbia, Canada: the interrelation of significant geology, outstanding recreation potential, economic development, and strong community participation  
(Haggart, J.W., Helm, C.W., McCrea, R.T., Buckley, L.G., and Sharman, K.)
- 14:20 - 14:40** Min Huh              Korean National Geoparks and tentative Global Geoparks in Korea: Mudeungsan Area and Korean Cretaceous Dinosaur Coast
- 14:40 - 15:00** Hideo Takagi        Development of geopark activities of the past 10 years in Japan  
(Takagi, H. and Watanabe, M.)

## **Session 6: Land-ocean linkage: Correlation, sedimentology and paleoenvironments I**

**Chairpersons: Prof. Sunil Bajpai and Prof. Atsushi Matsuoka**

- 15:00 - 15:20** Galina Kirillova      Cretaceous ecosystems of southeastern continental margin of Russia and their evolution
- 15:20 - 15:40** Boris Shurygin        Isotopic evidence for earliest Cretaceous climate change: new data from Siberia  
(Shurygin, B.N., Dzyuba, O.S., Izokh, O.P. and Kosenko, I.N.)
- 15:40 - 16:00** Romain Amiot            Early Cretaceous terrestrial climates in East Asia: long term and seasonal patterns inferred from the oxygen and carbon isotope compositions of vertebrate apatite  
(Amiot, R., Kusuhashi, N., Buffetaut, E., Goedert, J., Hibino, T., Ikeda, T., Ikegami, N., Lécuyer, C., Philippe, M., Saegusa, H., Shibata, M., Shimojima, S. and Sonoda, T.)
- 16:00 - 16:20**                              **Coffee Break**

**Chairpersons: Dr. Romain Amiot and Dr. Hitoshi Hasegawa**

- 16:20 - 16:40** Hitoshi Hasegawa      Reconstruction of terrestrial paleo-hydrological change during the mid-Cretaceous “Supergreenhouse” period: Insights from the lacustrine records (Shinekhudag Fm.) of southeast Mongolia  
(Hasegawa, H., Ando, H., Ohta, T., Hasegawa, T., Yamamoto, M., Hasebe, N., Murata, T., Shinya, H., Li, G., Ichinnorov, N., Erdenetsogt, B. and Heimhofer, U.)
- 16:40 - 17:00** Robert G. Jenkins      Evolution of photosynthetic ecosystem effects on chemosynthetic ecosystem in late Mesozoic
- 17:00 - 17:20** Kazuyoshi Moriya        Deep/intermediate water formation along the Cretaceous Asian continental margin  
(Moriya, K., Moiroud, M., Pucéat, E., Donnadiou, Y., Bayon, G., Deconinck, J.-F. and Boyet, M.)

**17:20 - 17:40** Atsushi Matsuoka Land–ocean linkage: pelagic materials in Mesozoic neritic–terrestrial sequences in East Asia  
(Matsuoka, A., Ito, T., Sakai, Y. and Nikaido, T.)

**18:00 - 19:00** **IGCP608 Business Meeting**

### **DAY 3: SEPTEMBER 6 (SATURDAY)**

#### **Session 7: Land-ocean linkage: Correlation, sedimentology and paleoenvironments II** **Chairpersons: Prof. Boris Shurygin and Dr. Shin-ichi Sano**

**09:10 - 09:30** Raghavendramurthy Nagendra Palaeotemperatures, palaeoclimate, palaeolatitude, palaeobathymetry and palaeocurrent appraisal of Cretaceous sediments of Cauvery Basin, South India  
(Nagendra, R., Zakharov, Y.D., Safronov, P.P., Smyshlyaeva, O.P., Popov, A.M., Shigeta, Y. and Venkateshwarlu, M.)

**09:30 - 09:50** Syed A. Jafar Dynamics of terminal Cretaceous global biotic turnover

**09:50 - 10:10** Sunil Bajpai Late Cretaceous ecosystems of peninsular India: An overview of current perspectives

**10:10 - 10:30** **Coffee Break**

#### **Session 8: Tectonic evolution and paleoenvironments of Asia and West Pacific** **Chairpersons: Prof. Yong Il Lee and Dr. Kazuyoshi Moriya**

**10:30 - 10:50** Hyojong Lee Tectonic and climatic controls on A/S ratio in a non-marine setting: an example from the Lower Cretaceous Sindong Group of the Gyeongsang Basin (southeastern Korea)  
(Lee, H. and Lee, Y.I.)

**10:50 - 11:10** Carla Dimalanta Mesozoic fossil data from the "Eocene" Zambales Ophiolite  
(Dimalanta, C.B., Queaño, K.L., Salapare, R.C., Yumul, G.P.Jr., Marquez, E.J., Faustino-Eslava, D.V., Ramos, N.T. and Payot, B.D.)

**11:10 - 11:30** Decibel V. Faustino-Eslava Implications to Central Philippine evolution from signatures of the Cretaceous Balud Ophiolitic Complex  
(Faustino-Eslava, D.V., Dimalanta, C.B., Queaño, K.L., Ramos, N.T., Payot, B.D., Manalo, P.C. and Yumul, G.P.Jr.)

**11:30 - 11:50** Naing Maw Than Tectono-magmatic development of accreted West Burma Block from Gondwana Land

**11:50 - 13:00** **Lunch**

**13:00 - 14:00** **Poster Session II**

**Session 9: Biotic evolution: Asian and Western Pacific fauna and flora – Macrofauna**  
**Chairpersons: Prof. G. V. R. Prasad and Prof. Ren Hirayama**

- 14:00 - 14:20** Vipul Keerti Sharma Morphological details of a newly discovered Cretaceous echinoid species '*Stereocidaris keertii*' (Smith, A. B., 2010)
- 14:20 - 14:40** Dhananjay M. Mohabey Eggs, nests and poops of Indian Late Cretaceous sauropods: behavior, habitat and diet (Mohabey, D.M. and Samant, B.)
- 14:40 - 15:00** M. Sadiq Malkani Titanosaurian sauropod dinosaurs from the Latest Cretaceous Vitakri Formation of Pakistan and their biogeographic link
- 15:00 - 15:20** Guntupalli V. R. Prasad New elasmobranch fauna from the Bagh Group, Narmada Valley, India - palaeobiogeographic context (Prasad G.V.R., Verma, V., Sahni, A., Priyadarshini, R.K. and Singh L.R.)
- 15:20 - 15:40** **Coffee Break**

**Chairpersons: Dr. Dhananjay M. Mohabey and Dr. Tomoyuki Ohashi**

- 15:40 - 16:00** Ai Takekawa Description of the Late Cretaceous Crocodylomorph, *Shamosuchus* from Mongolia (Takekawa, A., Hirayama, R. and Aoki, R.)
- 16:00 - 16:20** Masataka Yoshida Cranial morphology of a giant marine side-necked turtle (Pleurodira: Bothremididae) from the upper Cretaceous of Morocco (Yoshida, M. and Hirayama, R.)
- 16:20 - 16:40** Ren Hirayama Cranial morphology of *Mesodermochelys* (Testudines; Dermochelyidae) from the Upper Cretaceous Japan, with special reference to its feeding habitat
- 16:40 - 17:00** Masatoshi Sone Discovery of the first dinosaur fossils from Malaysia: spinosaurid theropod teeth from the non-marine Cretaceous of Pahang (Sone, M., Hirayama, R., Teng, Y.H., Yoshida, M. and Komatsu, T.)

**Closing Session**

**Chairperson: Dr. Tohru Ohta**

- 17:00 - 17:20** Guobiao Li Introduction of the Third International Symposium of IGCP 608 in China
- 17:20 - 17:30** Hisao Ando Closing Address of the 2nd IGCP 608 Waseda, Tokyo, Japan

**18:00 - 20:00** **Farewell Party**