



THE THIRD INTERNATIONAL SYMPOSIUM OF THE INTERNATIONAL GEOSCIENCE PROGRAMME PROJECT 679

Aug. 5, 2023, Tokyo, Japan

PROGRAMME

“Linkage of Cretaceous solid earth dynamics, greenhouse climate, and response of ecosystems on land and in the oceans in Asia”

Cretaceous Earth Dynamics and Climate in Asia



The Third International Symposium of IGCP 679 will be held on Aug. 5, 2023 by a joint session during the 2nd Asian Palaeontological Congress (Aug. 3-7, 2023, Tokyo, Japan).

Title: The Third International Symposium of the International Geoscience Programme Project 679

Saturday, August 5, 2023	
<p>Theme 4: Linkage of Cretaceous solid earth dynamics, greenhouse climate, and response of ecosystems on land and in the oceans in Asia (IGCP679 Joint Session) Conveners: Takashi HASEGAWA and Gang LI Session 1: 15:00-16:00 Chairman: Takashi HASEGAWA</p>	
15:00-15:15	<p>Opening address Cretaceous in Asia: Palaeontology, stratigraphy and palaeoclimate—Progress of IGCP 679 Gang LI, Eduardo A. M. KOUTSOUKOS, Takashi HASEGAWA, Dae Kyo CHEONG and Vandana PRASAD</p>
15:15-15:30	<p>Radiolarian-bearing clasts within the Jurassic–Cretaceous neritic–terrestrial strata in East Asia: Observation on etched surfaces for linking land and ocean Tsuyoshi ITO</p>
15:30-15:45	<p>Evidence of enhanced continental weathering during oceanic anoxic event 2 (OAE2) and mid-Cenomanian event (MCE) in the eastern Asian continental margin Arisa NAKANO, Yuko KAMIGATA, Ryota HIGUCHI, Haruka TAKAGI and Tohru OHTA</p>

15:45–16:00	Biostratigraphy and palaeogeography of the non-marine ostracod fauna from the Xiagou Formation, northwest China Yaqiong WANG
16:00–16:30	Break
Session 2: 16:30–17:30 Chairman: Gang LI	
16:30–16:45	Application of paleomagnetic methods in constraining solid Earth dynamics and environmental characteristics during the Cretaceous Period Yong ZHANG, Diying HUANG and Wei LI
16:45–17:00	The discovery of clam shrimp (Spinicaudata) from the upper part of Hekou Group of Lanzhou, Northwest China: Implications for Taxonomy and Stratigraphy Yan XUE, Gang LI and Xiao TENG
17:00–17:15	Introduction of a robust chemical weathering index for sediments containing authigenic and biogenic materials and its application to Cretaceous strata distributed in SE Asia Tenichi CHO, Tohru OHTA and Gang LI
17:15–17:30	Terrestrial and marine molecular fossil fingerprints of the Yezo Group record the Late Cretaceous paleoenvironmental evolution in the NW Pacific Margin Hideto NAKAMURA, Takuto ANDO, Masashi A. IKEDA, Ken SAWADA, Reishi TAKASHIMA and Hiroshi NISHI
17:30–18:00	Break
18:00–19:30	Business Meeting