

Sedimentology of Convergent Margins

Symposia and field trips in Taiwan

April 26th to May 2nd

Dates	Locations	
4/25	Icebreaker – NTU Geosciences	
4/26	Symposium I - NTU Geosciences Keynote speakers Michael Hren, University of Connecticut Annette George, UWA Symposium presentations Transfer to central Taiwan	
4/27-28	Western Foreland Basin Outcrops	
4/29	Symposium II – NCU Earth Sciences Keynote speakers Liz Hajek, Penn State Andrew Lin, NCU Symposium presentations Transfer to Eastern Taiwan	
4/30-5/1	Coastal Range Outcrops	
5/2	Northeast Coast Outcrops Return to Taipei	

Participants

Noelia Carmona, Universidad Nacional de Río Negro
 Sung-Ping Chang, National Cheng-Kung University
 Tae Soo Chang, Chonnam National University
 Zong-Dai Chen, National Taiwan University
 Shahin Dashtgard, Simon Fraser University
 Milovan Fustic, Nazarbayev University
 Annette George, The University of Western Australia
 Liz Hajek, Penn State
 Michael Hren, University of Connecticut
 Yi-Jen Lee, National Taiwan University
 Andrew Lin, National Central University
 Ludvig Löwemark, National Taiwan University
 Yechan Park, Chonnam National University
 Juan Ponce, Instituto de Investigación en Paleobiología y Geología (IIPG), CONICET
 YiSheng Tan, National Taiwan University
 Chelsea Wong, National Taiwan University
 Zhonghao Zhang, Indiana University Bloomington

Symposium I – April 26th

Venue: Room 213, second floor, Department of Geosciences, National Taiwan University, Taipei

Start	End	Speaker	Title
08:45	09:00	Ludvig Löwemark	Welcome address and introduction to Taiwan
09:00	09:50	Michael Hren	Keynote: Organic molecular paleohypsometry: Promises, pitfalls and implications for the topographic evolution of the Taiwan orogen
09:50	10:05	Sung-Ping Chang	Millennial- to Centennial-Scale Sequence Stratigraphy in the Choshui River Subaqueous Delta, Offshore Taiwan
10:05	10:20	Tae Soo Chang	Wave-modulated, macrotidal open-estuary tidal bar facies at the Geum River estuary mouth, mid-western coast of Korea: resembling open-coast tidal flats
10:20	10:40	Coffee Break	
10:40	11:30	Annette George	Keynote: Basin Evolution and Paleozoic-Mesozoic terrane assembly in Northern Thailand
11:30	11:45	Zong-Dai Chen	Integrating Microfossil and Geochemical Evidence to Refine the Paleoenvironmental Understanding of the Szekou Formation in southern Taiwan
11:45	12:00	Chelsea Wong	Sedimentary Environment Evolution of the Maobitou Limestone on the Western Hengchun Tableland, Southern Taiwan
12:00	13:00	Lunch	
13:00	13:15	Zhonghao Zhang	The Role of Coccolithophore Deposition in Moving Suspensions: Importance of Flocculation and Its Implication for Modern and Ancient Calcareous Ooze (Chalk) Deposition
13:15	13:30	Juan José Ponce	Recurrence of hyperpynites in the cenozoic of the foreland Austral Basin, Argentina
13:30	13:45	Milovan Fustic	Potential Genetic Relation of Coal-bearing Foreland and Pull-apart Basins of Central Kazakhstan and Carboniferous Pacific-type Convergent Margin System of the Paleo-Asian Ocean
13:45	14:00	Yechan Park	Three-Dimensional facies architecture and estuary–delta transition in a Holocene tide-influenced system, southern coast of Korea
14:00	14:15	Noelia Carmona (Juan Ponce)	Paleoenvironmental analysis of the Lower Cretaceous Río Mayer Formation (Austral Basin), Argentina

Symposium II – April 29th

Venue: S123 lecture room, Department of Earth Sciences, National Central University, Taoyuan

Start	End	Speaker	Title
08:45	09:00	Andrew Lin	Welcome address
09:00	09:50	Liz Hayek	Keynote: Identifying climate signals in convergent margins: deconvolving signal, noise, and climate-tectonic feedbacks in tectonically active basins
09:50	10:05	Shahin E. Dashtgard	The linked sedimentologic-tectonic evolution of a forearc basin–forearc depression: Georgia Basin, Canada
10:05	10:20	YiSheng Tan	Sapropel, Cyclostratigraphy and Milankovitch cycles: Revisits of Pleistocene GSSPs
10:20	10:40	Coffee Break	
10:40	11:30	Andrew Lin	Keynote: Interplay between tectonics and sedimentation and its resulting stratigraphy of the Taiwan foreland basin: A review
11:30	11:45		Open discussion
11:45	12:45	Lunch	