



AGENDA

September 03rd

Arrival of participants

September 04th - Morning session in the « Grand salon » of the château

Institutions and Laboratories represented:

CNRS-DERCI :	Patrick NEDELLEC (Director International Affair Division)
Chinese Embassy :	CHEN Ming (Minister Advisor)
	WU Haijun (2nd Secretary Service S&T)
CEA-DSM :	Maria FAURY (Deputy Director)
University Paris-Sud :	Etienne AUGÉ (Vice President Research)
	Séverine FOGEL- Jean-Pierre FAUGERE (International Division)
CNRS-INSU :	Philippe BERTRAND (Director section Ocean-Atmosphere)
French Ministry of Foreign Affairs :	Mme BLAZY (Scientific Relations with China, Research and Scientific Exchanges Direction)
LSCE (CEA/CNRS/UVSQ):	Elsa CORTIJO (Director)
GEOPS (Paris-Sud):	Eric CHASSEFIERE (Director)
Univ. Tongji, Shanghai	Pinxian WANG (Academician, Chinese Academy of Sciences)
IGG - CAS, Beijing :	Rixiang ZHU (Academician, Chinese Academy of Sciences - Director IGG)
IPEV :	Hélène LEAU (Responsible for Naval resources department and embedded instrumentation)
Campus Paris-Saclay :	Yves CARISTAN (Director of International Division)

9:30 -10:00	Welcome of the Participants with coffee
10:00 - 10:50	Patrick NEDELLEC CHEN Ming Maria FAURY Etienne AUGÉ Philippe BERTRAND
10:50 - 11:10	Yves CARISTAN Mme BLAZY
11:10 - 11:35	History of the collaboration between MONOCL laboratories LSCE & ENS: Carlo LAJ Univ. Tongji, Shanghai : Pinxian WANG, Institute of Geology and Geophysics, CAS, Beijing : Rixiang ZHU
11:25 - 11:50	Catherine KISSEL State of art and future of LIA-MONOCL
11:50 - 12:30	Carlo LAJ « Teachers at Sea activities on CIRCEA cruise within the activities of MONOCL » - Video projection
12:30 - 14:00	Buffet Lunch



September 04th - Afternoon session in the « Grand salon » of the château

Chair : Franck Bassinot

- 14:00 - 14:30** JIAN Zhimin p.1
Late Quaternary deepwater paleoceanographic change and its impact on carbon cycle in the South China Sea
- 14:30 - 15:00** GAO Pan p.3
Radiocarbon evidence for water exchange across the Luzon Strait
- 15:00 - 15:30** HUANG Baoqi p.5
Changes in assemblages of benthic foraminifera in MD12-3432 and their significance in paleoceanography
- 15:30 - 15:45** General Discussion
- 15:45 - 16:15** Coffee Break
- 16:15 - 16:45** LIU Zhifei p.7
Deepwater sediment transport processes in the northeastern South China Sea
- 16:45 - 17:15** KISSEL Catherine p.9
Magnetic properties of the rivers feeding the South China Sea: a critical step for understanding paleo-marine records.
- 17:15 - 17:30** General Discussion
- 19:30** Dinner (Restaurant « Jardins de l'Yvette »)

September 05th - Morning session in the « Grand salon » of the château

Chair : Qingsong Liu

- 8:30 - 9:00** BASSINOT Franck p.11
Rapid variability during MIS3 and Termination I from the Western Pacific Warm Pool: new geochemical and sedimentological data
- 9:00 - 9:30** DANG Haowen p.13
Precessional hydro-climatic changes in the tropical Indo-Pacific and their interactions with the bi-hemispheric summer monsoons
- 9:30 - 10:00** COLIN Christophe p.15
New insights into the current- and past hydrology of the north-western subtropical Pacific Ocean Over the past 25 kyr, based on investigations of the Nd isotopic composition of seawater and deep-sea sediments from the northern South China Sea.
- 10:00 - 10:30** Coffee Break



Chair : Christophe Colin

- 10:30 - 11:00** TIAN Jun p.17
Synchronous mid-Miocene upper and deep ocean $\delta^{13}\text{C}$ changes in the east equatorial Pacific linked to ocean cooling and ice sheet expansion
- 11:00 - 11:30** LIU Qingsong p.19
Interhemispheric comparison of the Holocene Paleosecular variations of the geomagnetic field
- 11:30 - 12:00** SAINT-LU Marion p.21
West Pacific SPCZ and teleconnection with ENSO in different climatic contexts from PMIP and IPSL simulations.
- 12:00 - 14:00** Buffet Lunch

September 05th - Afternoon session in the « Grand salon » of the château

Chair : Zhifei Liu

- 14:00 - 14:30** ZHENG Weipeng p.23
Analysis of monsoon variability in the paleoclimate simulations.
- 14:30 - 15:00** BRACONNOT Pascale p.25
ENSO in PMIP simulations compared to a new pan Pacific reconstruction of holocene variability and ITCZ, monsoon and variability in two versions of the IPSL model.
- 15:00 - 15:30** YU Yongqiang p.27
Impacts of External Forcing on the Decadal Climate Variability in CMIP5 Simulations
- 15:30 - 15:45** General Discussion
- 15:45 - 16:15** Coffee Break

Chair : Zhimin Jian

- 16:15 - 16:45** LIU Chuanlian p.29
Late Quaternary coccolith records and their palaeoceanographic significance of MD12-3428 and MD12-3433 in the northern South China Sea
- 16:45 - 17:15** WANG Tingting p.31
How did the Surface Seawater of the Tropical Western Pacific Exchange CO_2 with the Atmosphere over the Last Glacial Cycle?
- 17:15 - 17:45** HUANG Xiangtong p.33
Tracking past terrestrial and oceanic changes in the South China Sea sediments using inorganic geochemical tracers
- 17:45 - 18:00** General Discussion
- 19:00** Dinner (Restaurant « l'île O'Crêpes »)



September 06 - Morning session at LSCE

Chair : Pascale Braconnot

- 8:30 - 9:00** CHEN Quan p.35
Variability of the detrital input to the site of core MD12-3432 during the last 410 kyr.
- 9:00 - 9:30** ZHAO Shaohua p.37
High-resolution variations in terrigenous flux and sediment sources since 70 ka BP in the northern South China Sea
- 9:30 - 10:00** YU Zhaojie p.39
Evolution and variability of the East Asian summer monsoon over the last 2.36 Ma: Evidence from clay mineral records of the West Philippine Sea
- 10:00 - 10:30** Coffee Break
- 10:30 - 12:00** Discussion about renewal and work on the final version of the project to be submitted
- 12:00** Lunch

September 06th -Afternoon

- 15:45** Meeting time for Dinner and excursion
- 16 :00** Departure of the bus