

7th Sino-German Summer School
“Marine Observations in a Changing Earth Environment”
at the
Ocean University of China

Programme

Date	Time	Activity	Lecturer
4 Sep Sun	10:05-15:05	Arrival of German guests at Qingdao Airport	Ms Shuang LI
	17:00-18:00	Registration	
	18:30	Welcome Dinner	

Date	Time	Activities	Lecturer
5 Sep Mon Yushan Campus	9:00-9:15	Opening of the 7th Sino-German Summer School by representatives from OUC and by German guests	Prof. Dr. Justus Notholt IUP, Bremen
	9:15-10:30	Atmospheric greenhouse gases, their measurements by remote sensing, and their influence on the climate	
	10:30	Coffee Break	
	10:45-12:00	Continuation of lecture followed by discussion	
	12:00-13:30	Lunch Break	
5 Sep Mon Laoshan Campus	14:00-15:30	Sea surface temperature observations from space	Prof. Dr. Lei GUAN OUC
	15:30	Coffee Break	
	15:45-16:30	Students' Presentations	Dr. Petra Westhaus-Ekau ZMT, Bremen (Chair)
	16:30-17:00	Campus Tour	
	18:30	Dinner	

Date	Time	Activity	Lecturer
6 Sep Tue Laoshan Campus	9:00-10:30	Doing and communicating science	PD Dr. Avan Antia CAU, Kiel
	10:30	Coffee Break	
	10:45-12:00	Continuation of lecture followed by discussion	Dr. Mark Lenz IFM-GEOMAR, Kiel
	12:00-13:30	Lunch Break	
	13:30-15:30	Marine research and infrastructure in Kiel	Dr. Emanuel Söding CAU
	15:30	Coffee Break	
	15:45-17:30	Invasive species – Threat and chance for coastal ecosystems	Dr. Mark Lenz IFM-GEOMAR
	18:30	Dinner	

Date	Time	Activity	Lecturer
7 Sep Wed Laoshan Campus	9:00-10:30	Geophysical observations of large internal waves in the Strait of Georgia	Dr. Caixia WANG OUC
	10:30	Coffee Break	
	10:45-12:00	Continuation of lecture followed by Lab work	
	12:00-13:30	Lunch Break	
	13:30-15:30	Evolution of heavy metals and ecological risks of the sediment in Bohai Sea	Dr. Li ZOU OUC
	15:30	Coffee Break	
	15:45-17:30	Students' Presentations	Dr. Petra Westhaus-Ekau ZMT (Chair)
	18:30	Dinner	

8 Sep	9:00-18:00	City Tour 1	Ms Shuang LI
	18:30	Dinner	

9 Sep	9:00-17:00	Academic Visits	Ms Shuang LI
	18:30	Dinner	

Date	Time	Activity	Lecturer
10 Sep Sat Laoshan Campus	9:00-10:30	Currents observations of different time scales in the shelf sea	Prof. Wensheng JIANG OUC
	10:30	Coffee Break	
	10:45-12:00	Ocean Technology	Dr. Christoph Waldmann MARUM
	12:00-13:30	Lunch Break	
	13:30-15:30	Observations in physical oceanography	Dr. Uwe Stöber IUP
	15:30	Coffee Break	
	15:45-17:30	Continuation of lecture followed by computer work	
	18:30	Dinner	

Date	Time	Activity	Lecturer
11 Sep Sun Laoshan Campus	9:00-10:30	Electromagnetic methods in marine environments	Dr. Sebastian Hölz IFM-GEOMAR Dr. Andrei Swidinsky IFM-GEOMAR
	10:30	Coffee Break	
	10:45-12:00	Continuation of lecture followed by discussion	
	12:00-13:30	Lunch Break	
	13:30-15:30	Metal pollution with new trends in the coastal environment and the methodology for assessment of ecosystem health status	Dr. Jinfen PAN OUC
	15:30	Coffee Break	
	15:45-16:45	Continuation of lecture followed by discussion	
	16:45-17:15	Students' Presentations	Dr. Alexandra Drossou-Berendes(Chair) IFM-GEOMAR
	18:30	Dinner	

12 Sep		Free (Chinese Holiday)	
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Date	Time	Activity	Lecturer
13 Sep Tue Laoshan Campus	9:00-10:30	Trace gases (N₂O, CH₄, DMS) in the ocean	PD Dr. Herrmann Bange IFM-GEOMAR
	10:30	Coffee Break	
	10:45-12:00	Students' Presentations	Dr. Alexandra Drossou-Berendes(Chair) IFM-GEOMAR
	12:00-13:30	Lunch Break	
	13:30-15:30	Analytical techniques for dissolved gases in the seawater	Prof. Dr. Guiling ZHANG OUC
	15:30	Coffee Break	
	15:45-17:00	Continuation of lecture followed by Lab work	
	18:30	Dinner	

Date	Time	Activity	Lecturer
14 Sep Wed Yushan Campus	9:00-10:30	Marine hazards and management: Safety assessment of marine pollutants on fish	Dr. Huarong GUO OUC
	10:30	Coffee Break	
	10:45-11:30	Continuation of lecture followed by Lab work	
	11:30-13:30	Lunch Break	
	13:30-15:30	Seaweed diseases and its management	Dr. Gaoge WANG OUC
	15:30	Coffee Break	
	15:45-16:30	Continuation of lecture followed Lab work	
	16:30-17:00	Academic Visit to the College of Marine Life Science	
	18:30	Dinner	

Date	Time	Activity	Lecturer
15 Sep Thu	9:00-10:30	Volunteer Observing Ships: observing long term changes in oceans biogeochemistry	Dr. Tobias Steinhoff IFM-GEOMAR
	10:30	Coffee Break	
Laoshan Campus	10:45-12:00	Observed internal waves in South China Sea	Dr. Wei ZHAO OUC
	12:00-13:30	Lunch Break	
	13:30-17:30	City tour 2	Ms Shuang LI
	18:30	Dinner	

Date	Time	Activity	Lecturer
16 Sep Fri	9:00-10:30	Social dimensions of environmental change	Dr. Kathleen Schwerdtner Máñez ZMT
	10:30	Coffee Break	
	10:45-12:00	Continuation of lecture followed by discussion	
Yushan Campus	11:30-13:30	Lunch Break	
	13:30-15:30	Achievements and challenges of regional ocean governance	Dr. Ming YU OUC
	15:30	Coffee Break	
	15:45-16:15	Students' Presentations	Dr. Petra Westhaus-Ekau ZMT (Chair)
	16:30-17:30	Closing Ceremony and Awarding of Certificates	
	18:00	Farewell Dinner	

17 Sep and 18 Sep		Departure of German guests	Ms Shuang LI
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