

Programme

Core-to-Core Symposium

"IODP Legacy Cores" as archives of warm periods in the geological past

Ice Breaker – March 8 th , 2026	
Time	Programme
17:30 – 21:30	Ice Breaker (Festsaal im Meerscheinschlössl)

Day 1 – March 09 th , 2026	
Time	Programme
09:00 – 09:15	Arrival and Registration (Festsaal im Meerscheinschlössl)
09:15 – 09:20	Introduction by the Organizers
09:20 – 10:30	<p>Session 1 Legacy Core-Based Research in Core Repositories</p> <p>09:30 – 10:00: Tony Morris <i>IODP³ and the IODP³ SPARC Initiative</i></p> <p>10:00 – 10:30 Anna Joy Drury <i>21st Century Drilling Project - Building capacity in the digital domain using scientific ocean drilling legacy material</i></p>
10:30 – 11:00	Coffee Break
11:00 – 12:00	<p>Session 2a Scientific Results of Legacy Core Research <i>20 min talks & 10 min discussion</i></p> <p>11:00 – 11:30: Arisa Seki <i>The Japan Sea paleoceanography and paleoclimatology during the Miocene (ReC23-03) and plan for Kochi Core School 2026</i></p> <p>11:30 – 12:00: Minoru Ikehara <i>Long-term Miocene climate signals from bulk carbonate isotopes at DSDP Site 266</i></p>
12:00 – 13:30	Lunch Break
13:30 – 15:00	<p>Session 2b Scientific Results of Legacy Core Research <i>20 min talks & 10 min discussion</i></p> <p>13:30 – 14:00: Xabier Puentes-Jorge <i>Middle to Late Miocene paleoceanographic evolution of the southern Indian Ocean (ODP Site 752) inferred from nannofossil assemblages and carbon isotopes</i></p> <p>14:00 – 14:30: Junichiro Kuroda <i>Miocene marine Os isotope variations in Indian Ocean</i></p> <p>14:30 – 15:00: Sandrine Le Houedec <i>Turn over of the oceanographic and environmental conditions of Baffin Bay with the Oligocene-Miocene transition: results from IODP Expedition 400, U1607 site</i></p>
15:00 – 15:30	Coffee Break
15:30 – 17:00	<p>Session 2c "Scientific Results of Legacy Core Research" <i>20 min talks & 10 min discussion</i></p> <p>15:30 – 16:00: Yunlang Zhang (online) <i>Biomarker Preservation and Paleoclimate from Late Neogene Marine Sediments from DSDP Site 467 offshore Los Angeles</i></p> <p>16:00 – 16:30: Hiroki Matsui (online) <i>Global changes in the test size of Oligocene planktic foraminifera Paragloborotalia opima</i></p> <p>16:30 – 17:00: Keiji Horikawa <i>Antarctic Atmospheric–Ocean–Ice Sheet reorganization during the Middle Miocene Climate Transition</i></p>

Day 2 – March 10th, 2026

Time	Programme
09:00 – 09:15	Arrival (Festsaal im Meerscheinschlössl)
09:15 – 09:30	Introduction by the Organizers
09:30 – 10:30	<p>Session 2d "Scientific Results of Legacy Core Research" 20 min talks & 10 min discussion</p> <p>09:30 – 10:00: Terezia Kunkelova <i>Dust sources to the Arabian Sea and their record of continental hydroclimate</i></p> <p>10:00 – 10:30: Anna Arrigoni <i>Shelf Ecosystems Crossed a Tipping Point During the Early-Middle Pleistocene Transition: Climate Stories from Foraminifera in Legacy Cores</i></p>
10:30 – 11:00	Coffee Break
11:00 – 12:00	<p>Session 2e "Scientific Results of Legacy Core Research" 20 min talks & 10 min discussion</p> <p>11:00 – 11:30: Franziska Stamm <i>From Weathering to Warm Oceans: The Silicon Cycle in IODP cores</i></p> <p>11:30 – 12:00: An-Sheng Lee <i>Learning from Legacy Data: Unlocking High-Resolution Climate Proxies with Foundation Models</i></p>
12:00 – 13:30	Lunch Break
13:30 – 15:00	<p>Poster Session "Scientific Results of Legacy Core Research" 10 min Poster Presentation and Discussion</p> <p>Beth Christensen Jassin Petersen Hayu Ota Arisa Seki Tamara Hechemer Ryota Murai Anna Joy Drury</p>
15:00 – 15:30	Coffee Break
15:30 – 17:00	<p>SPARC-ing new Legacy Research</p> <p>Discussion of possible themes 1</p>

Symposium Dinner – March 10th, 2026

Time	Programme
19:00 – 22:00	Gasthof "Die Herzl"

Day 3 – March 11th, 2026

Time	Programme
09:00 – 09:15	Introduction by the Organizers (Festsaal im Meerscheinschlössl)
09:15 – 10:30	<p>SPARC-ing new Legacy Research</p> <p>Discussion of possible themes 2</p>
10:30 – 11:00	Coffee Break
11:00 – 12:00	<p>SPARC-ing new Legacy Research</p> <p>Discussion of possible themes 3</p>
12:00 – 13:30	Farewell and Departure