

2025 International workshop on interbasin interaction, its impacts on predictability, and related climate phenomena@Hongo Campus, The University of Tokyo

Day 1: December 3rd	Presenter	Title
Registration	12:55	
Opening remarks	13:20	
Session 1: Understanding TBI: Physical Processes and Climate Change Perspectives (5 presentations) chaired by Ingo Richter		
	13:25	Yoshimitsu Chikamoto (invited) The Role of Tropical Inter-Basin Interactions in the 2020-23 La Niña events.
	13:50	Jianxiang Xu Intensified annual cycle of tropical Atlantic sea surface temperature regulates Pacific cooling
	14:10	Ingo Richter Strengthening ENSO influence on equatorial Atlantic variability in global warming projections
	14:30	Ziwen Han Seasonal Dependence of the Projected Indian Ocean Walker Circulation Uncertainty under Greenhouse Warming
	14:50	Meera Mohan (online) Tropical Interbasin Interactions Modulated by a Variable Threshold for Deep Convection
Coffee break	15:10	20 min
Session 2: Extratropical climate variability (6 presentations) chaired by Yukito Tamura & Yoshimitsu Chikamoto		
	15:30	Yu Kosaka Air-sea coupling associated with the Silk Road teleconnection across Eurasia in summer
	15:50	Saori Sakai Co-occurrence of two summertime waveguide teleconnections over Eurasia
	16:10	Jeong-Hun Kim Influence of Mid-High-Latitude Teleconnections on East Asian Heatwaves in Intra-Seasonal Timescales
Coffee break	16:30	20 min
	16:50	Ko Tsuchida Exceptional North Atlantic Warming Drove Record Global Temperatures in 2023–2024
	17:10	Yoko Yamagami Impacts of North Atlantic SST variability on the recent SST warming over the North Pacific
	17:30	Taiki Kobayashi A possible mechanism of the tropical Pacific warming pattern determined by the Kuroshio Extension heat release
Reception	18:30	
Day2: December 4th	Presenter	Title
Session 3: Theoretical and conceptual approaches to TBI (3 presentations) chaired by Tomoki Tozuka		
	10:30	Hyo-Jin Park (invited) Sub-seasonal impact of El Niño–Southern Oscillation on development of the Indian Ocean Dipole
	10:55	Justin Lien A Linear Inverse Modeling Approach to Causality Between the Pacific and Indian Oceans
	11:15	Ziyu Ye A linear inverse modeling framework for investigating ENSO-IOD interactions and its application to CMIP6 models
Lunch break	11:35	1h25min
Session 4: Tropical climate and BGC variability (5 presentations) chaired by Hyo-Jin Park		
	13:00	Yong-Yub Kim Exploring Marine Biogeochemical Prediction with Linear Dynamical Frameworks
	13:20	Tomoki Tozuka Assessing the importance of phytoplankton-mediated negative feedback on ENSO
	13:40	Keiichi Hashimoto Land Components Control the ENSO Representation in the Earth System Model MIROC-ES2L
	14:00	Rintaro Nakano Interannual variations of simulated deep cycle turbulence in the eastern equatorial Pacific
	14:20	Tomoya Noguchi La Niña Modoki and diversity of coastal El Niño events
Coffee break	14:40	30 min
Session 5: Influences of tropical climate variability (4 presentations) chaired by Hiroki Tokinaga		
	15:10	Tsubasa Kohyama Episodic slowdown of global warming by a multi-year La Niña
	15:30	Tianjiao Ma Quantifying the teleconnections between East Asian winter precipitation and tropical sea surface temperatures using causal analysis
	15:50	Abhinav Rajalakshmi Subrahmanyam The North Atlantic Climate Predictability on Interannual-to-Decadal Timescales
	16:10	Davide Sabatani (online) Interference of ENSO and IOD Teleconnections with Southern Africa in Austral Early-Summer
Closing remarks	16:30	
End	16:40	