

Session: Biogeochemical and biological processes promoted by ocean mixing										
Main author	Abstract title	Main author affiliation	Co-authors	Talk	Poster	speed talk	comments	day	start time	end time
Ichiro Yasuda	Progress report: Ocean mixing processes: impact on biogeochemistry, climate and ecosystems (OMIX)	University of Tokyo	OMIX members	Talk			Invited	19-Jun	11:00	11:30
Mark Hague	The impact of Antarctic sea ice on surface mixing and primary production	University of Cape Town	Marcello Vichi	Talk				19-Jun	11:48	12:06
Faycal Kessouri	Seasonal modulation of nutrients cycles and phytoplankton biomass by submesoscale circulation in the California Current System	Southern California Coastal Water Research Project	Daniele Bianchi, James C McWilliams, Lionel Renault, Hartmut Frenzel, Curtis Deutsch	Talk				19-Jun	12:06	12:24
Yutaka Yoshikawa	Deceleration of particle sinking by ocean surface turbulence	Kyoto University	Takahiro Mannen		Poster	Speed talk		19-Jun	12:24	12:27
Maki Noguchi Aita	Response of lower trophic level ecosystems to decadal scale variation of climate system in the North Pacific Ocean	Japan Agency for Marine-Earth Science and Technology (JAMSTEC)	Kazuaki Tadokoro, Akira Kuwata, Taketo Hashioka, Naomi Harada		Poster	Speed talk		19-Jun	12:27	12:30
Zimkhita Gebe	Short-term changes in carbon and nitrogen biomass of picophytoplankton over a 10-day period at a station off St. Helena Bay	University of Cape Town	Coleen L. Moloney, Emma Rocke, Maya C. Pfaff	Talk				19-Jun	14:00	14:18
Inès Mangolte	Impact of submesoscale processes on phytoplankton community structure across oceanic fronts	LOCEAN-IPSL	Marina Lévy, Stephanie Dutkiewicz, Oliver Jahn, Sophie Clayton	Talk				19-Jun	14:18	14:36
Peng Zhou	The Kuroshio Subsurface Water Intrusion onto the East China Sea continental shelf as traced by dissolved inorganic iodine species	State Key Laboratory of Estuarine and Coastal Research (East China Normal University)	Xiuxian Song, Yongquan Yuan, Wentao Wang, Lianbao Chi, Xihua Cao, Zhiming Yu	Talk				19-Jun	14:36	14:54
Kazuaki Tadokoro	Seasonal and interannual variation of mesozooplankton community structure in the Oyashio and Kuroshio-Oyashio Transition waters, western North Pacific	Tohoku National Fisheries Research Institute		Talk				19-Jun	15:12	15:30
Keerthi Madhavan Girijakumari	Mechanisms responsible for intraseasonal variations of the spring phytoplankton bloom	LOCEAN, IPSL, Paris, France	Olivier Aumont, Marina Levy, Matthieu Lengaigne, David Antoine	Talk				19-Jun	16:00	16:18
Jun Nishioka	Iron supply from the marginal seas to the North Pacific Ocean	Hokkaido University,	Hajime Obata, Ichiro Yasuda		Poster	Speed talk		19-Jun	16:54	16:57
Jianrong Zhu	Dynamics of the sediment plume over the Yangtze Bank in the Yellow and East China Seas	State Key Laboratory of Estuarine and Coastal Research, East China Normal University	Zhifa Luo		Poster	Speed talk		19-Jun	16:57	17:00
Berrada Aicha	Three-dimensional modeling of primary production, phytoplankton diversity and functional groups in the Canary Current System by remote sensing	Institute of agronomy and veterinary medecine Hassan II	Benazzouz Aïssa, Demarcq Hervé		Poster	Speed talk		19-Jun	17:00	17:03
Anju Mallissery	Development & implementation of a multi-component ecosystem model with the linkage between lower & upper trophic levels for the Northern Indian Ocean (NIO) & its applications	Indian Institute of Tropical Meteorology, Pune, india	Vinu Valsala, B.R. Smitha, G. Bharathi		Poster	Speed talk		19-Jun	17:03	17:06
Anju Mallissery	The role of silicate limitation on diatom bloom in Arabian Sea using a one-dimensional ecosystem model	Indian Institute of Tropical Meteorology	Vinu Valsala, B.R. Smitha, G. Bharathi		Poster	Speed talk		19-Jun	17:06	17:09
Convinors	Concluding remarks							20-Jun	17:09	17:30