

IPRC 2016 Annual Symposium

Tuesday March 29, 2016

Hawaii Imin International Conference Center (East-West Center)

Time	Actions / Talks
9:50–10:00	Welcome by Kelvin Richards
10:00–10:20	Tim Li “Effect of interdecadal mean state change on El Nino behavior”
10:20–10:40	Andrei Natarov “The role of small vertical scale velocity features in the dynamics of the Tropical Pacific Ocean”
10:40–11:00	Tobias Friedrich “Non-linear climate sensitivity and its role for future Greenhouse Warming”
11:00–11:20	Coffee Break
11:20–11:40	Mohan Thota “Extended monsoon episodes over south Asia: assessing robustness in thermodynamic processes”
11:40–12:00	Megumi Chikamoto “Multiyear marine biogeochemical responses to climate variability”
12:00–12:20	Sun-Seon Lee “Probabilistic sub-seasonal prediction of extreme precipitation events over Asian-Pacific region”
12:20–1:40	Group photo followed by lunch break (<i>on our own</i>)
1:40–2:00	Nikolai Maximenko “Oceanography of marine litter”
2:00–2:20	Richard Zeebe (<i>Invited</i>) “Anthropogenic carbon release rate unprecedented during the last 66 million years”
2:20–2:40	Yoshimitsu Chikamoto “Climate predictability in the earth system”
2:40–3:00	Coffee Break
3:00–3:20	Niklas Schneider “Air-sea interaction at weak sea surface temperature fronts”
3:20–3:40	Chunxi Zhang “Dynamical downscaling of the climate for the Pacific Islands - present-day and future changes”
3:40–4:00	Kazuyoshi Kikuchi “Multiscale structure of the MJO revealed by spatial temporal wavelet transform”
4:00–4:45	Panel Discussion “Future of Climate Science” (<i>description on back</i>)
4:45–5:30	Poster Session (<i>presenters listed on back</i>)
5:30–end	Reception / Cash Bar (<i>including posters</i>)

All talks include ~15 minute presentation followed by ~5 minute Q&A.

Presenters, please upload your talk before the start of morning or afternoon sessions.

Panel Discussion:

Future of Climate Science (moderator: **Jim Potemra**)

- Managing big data (panelists: **Sharon DeCarlo**, **Jim Potemra**)
- CMIP6 and the next IPCC report (panelist: **Axel Timmermann**)
- Communicating new science (panelist: **Rachel Lentz**)

Posters:

Posters may be set up during the afternoon coffee break.

Angel Amores “Mesoscale eddies in the North Atlantic subtropical gyre: 3D composite structure from satellite altimetry and Argo profile data”

Laura Ruiz Etcheverry “Sea level anomaly in the Southwestern Atlantic Continental Shelf: Satellite altimetry”

Yan Bao “Projected future vegetation change over the Tibetan Plateau”

Christopher Roach “Ekman Currents in the Southern Ocean”

Matthew Widlansky “Seasonal (and decadal) sea level prediction using anomaly assimilation of the subsurface ocean”

Saulo Soares “The Impact of Salinity on the Seasonal and Interannual Variability of the Upper Ocean Structure and Air/Sea Interaction in the South Eastern Tropical Indian Ocean”

Kelvin Richards “Shear driven turbulence in the natural environment”

Lin Chen “What caused the birth of a super El Niño in late 2015?”

Lu Wang “Roles of Convective Heating and Boundary-layer Moisture Asymmetry in Slowing Down the Convectively Coupled Kelvin Waves”

Kohei Takatama “The Atmospheric Response to Surface Stress Induced by Ocean Currents”

Daria Schonemann “Typhoons in NICAM: Intensity, Size, Intensification and Response to Vertical Shear”

Joshua Fu “What cause the diversified impacts of atmosphere-ocean coupling on the MJO?”

Kazuyoshi Kikuchi “Characterization of the frontal air-sea interaction by transfer functions”

Fabian Schloesser “Dynamics of the Atlantic meridional overturning circulation and Southern Ocean in an ocean model of intermediate complexity”

Juan Li “How predictable is the anomaly pattern of the Indian summer rainfall?”

Shuangyan Yang “Intraseasonal Variability of Air Temperature over the Mid-High Latitude Eurasia in Boreal Winter”

Young-Min Yang “A GCM with cloud microphysics and its MJO simulations”

Sharon DeCarlo “APDRC: learn more about our data resource”

East-West Center WiFi: username: iprc329 / password: 329iprc