

# **IPRC 2012 Annual Symposium**

*Monday November 19, 2012*

*East-West Center*

## **11:30 -12:00 Pacific Room**

11:30-11:35 Aloha

11:35-12:00 : Brief Introductions to **Session I** Posters

## **12:00-3:00 Garden Level**

12:00-2:30 Poster Session I Viewing (lunch provided)

2:30-3:00 Break (coffee, tea, cookies provided)

## **3:00 -3:30 Pacific Room**

3:00-3:30 : Brief Introductions to **Session II** Posters

## **3:30-6:00 Garden Level**

3:30-6:00 Poster Session II Viewing

4:00-6:00 Pupus

## Poster Session I

**Ali Bel Madani** *Linear wind-forced beta-plumes with application to the Hawaiian Lee Countercurrent*

**June-Yi Lee** *Future change of global monsoon in the CMIP5*

**Tangdong Qu** *Formation of salinity maximum water and its contribution to the overturning circulation in the North Atlantic as revealed by a global GCM*

**Hiroki Tokinaga** *Slowdown of the Walker circulation driven by tropical Indo-Pacific warming*

**Xuyang Ge** *Effects of mid-level dry air intrusion of tropical cyclone development under vertical shears*

**Megumi Chikamoto** *Temperature-induced marine export production during glacial period*

**Yoshimitsu Chikamoto** *Potential decadal predictability of land process in earth system model*

**Samantha Stevenson** *Changes to ENSO amplitude and teleconnections in CMIP5*

**So-Young Yim** *Interdecadal change of the controlling mechanisms for East Asian early summer rainfall variation around the mid-1990s*

**Jinbao Li** *Moisture anomaly over Asia and North America in response to volcanic eruptions*

**Baoqiang Xiang** *Upper-tropospheric warming accelerates surface warming*

**Hiroshi Taniguchi** *Resolution and SST dependence on tropical intra-seasonal oscillation in an aqua-planet global nonhydrostatic model*

**Kin Lik Wang** (with APDRC Management & Staff) *APDRC: Data give and take*

**Bing Fu** *Predicting tropical cyclone genesis in the North Atlantic*

**Hiroyuki Murakami** *Future changes in tropical cyclone activity in the North Indian Ocean projected by high-resolution MRI-AGCMs*

## Poster Session II

**Neven Fučkar** *What controls the annual mean location of the maximum of tropical precipitation in different basins?*

**Kazuyoshi Kikuchi** *An introduction to combined Fourier-wavelet transform and its application to convectively coupled equatorial waves*

**Chunxi Zhang** *The clouds and their future change in the Hawaiian region*

**Fei Liu** *Fundamental mechanism for the strong intraseasonal oscillation over the western North Pacific*

**Malte Heinemann** *Simulating ice sheet-climate interactions with iLove: The last glacial cycle*

**Andrea Alessandri** *Strengthening of the hydrological cycle in future scenarios: Atmospheric energy and water balance perspective*

**Matthew Widlansky** *Changes in South Pacific rainfall bands in a warming climate*

**Pang-chi Hsu** *An analysis of global monsoon based on simulations by 19 CMIP5 models*

**Kohei Takatama** *Atmospheric response to surface stress induced by the Kuroshio current in the East China Sea*

**Tobias Friedrich** *Can we reconstruct past large-scale ocean circulation changes from the seawater neodymium isotopic composition?*

**Oleg Melnichenko** *Sea surface salinity variability in the subtropical North Atlantic from Aquarius satellite and historical in-situ data*

**Oliver Elison-Timm** *The value proxy-model comparison for explaining glacial-interglacial cycles*

**Ryo Furue** *Impacts of regional mixing on circulations in the subtropical and tropical Pacific Ocean*

**Pedro DiNezio** *Nonlinear controls in the persistence of La Nina events*