

IPRC Mini Workshop on Ocean Mixing POST 414, Monday, March 30, 2009

talks 25 minutes, 15 minutes discussion

8:15am welcome, logistics, coffee etc

8:30 *Detlef Stammer*: Estimating mixing for the ocean, prior work based on altimetry and first adjoint approach

9:10 *Armin Koehl*: Adjoint assimilation - implications for the estimation of mixing in high resolution models

9:50 *Bruce Cornuelle and Ibrahim Hoteit*: A dynamically consistent eddy resolving assimilated model hindcast for the tropical Pacific in the year 2000

10:30 coffee break

10:40 *Ren-Chieh Lien*: Field observations of turbulence in the central equatorial Pacific.

11:20 *Thomas Decloedt*: On a simple empirical parameterization of topography-catalyzed diapycnal mixing in the abyssal ocean

12:00 lunch

1:00pm *Roger Lukas*: Surface and abyssal mixing issues at Station ALOHA

1:40 *Niklas Schneider*: Review of role of mixing in tropical heat budgets (20min talk, 10 min discussion)

2:10 *Eric Firing*: Global diffusivity estimates based on fine structure

2:50 coffee break

3:00 *Ryo Furue*: Impacts of mixing on subthermocline currents

3:40 *Bo Qiu*: Lateral/diapycnal mixing and Subtropical Mode Water transformation from the KESS measurements

4:20 *Kelvin Richards*: The impact of lateral and vertical mixing in the equatorial thermocline on the coupled ocean/atmosphere system.

Dinner, possibly at Mekong, 1295 S Beretania St, Honolulu, HI 96814, 591-8842 (BYOB/Wine)