15th ‘Aha Huliko’a Hawaiian Winter Workshop

“Extreme Events”

January 23–26, 2007
Imin Conference Center
University of Hawaii, Manoa
Honolulu, HI  96822

Agenda

Monday, Jan 22, 2007
5:30-7:30 p.m. Reception at New Otani Kaimana Beach Hotel,
Sans Souci Room (Pupus/Punch)

Tuesday, Jan 23, 2007
8:00 a.m. Bus departs from New Otani Kaimana Beach Hotel to Univ. of Hawaii, Imin
Conference Center, Jefferson Hall, Asia Room (second floor)
8:15 a.m. Registration (sign in and workshop fee $180.00 payment due)

Morning Convenor: Chris Garrett

8:45 a.m. Peter Müller and Chris Garrett: “Introductory example: Rogue waves”
9:10 a.m. Armin Bunde: “Long-term persistence in nature: On the clustering of extreme
events.”
9:50 a.m. Javier Jimenez: “Self-similarity and coherence in the turbulent cascade”
10:30 a.m. Break
10:50 a.m. Oliver Bühler: “The likely shape of extreme events”
11:30 a.m. Carl Wunsch: “Treachery in short climate records: apparent extremes and
correlations”
12:15-1:30 p.m. Lunch (downstairs in East West Center)
Afternoon Convenor: Peter Müller
1:30 p.m. Keith Thompson: “Extreme sea levels, coastal flooding and climate change”
2:10 p.m. Mark Merrifield: “Annual climatologies of extreme water levels”
2:50 p.m. Break
3:10 p.m. Leif Thomas: “Asymmetric oceanic response to stabilizing versus destabilizing wind forcing at baroclinic currents”
3:50 p.m. Jay Kadane: “What is an extreme event?”
4:30 p.m. Bus leaves University for return to New Otani Kaimana Beach Hotel

Wednesday, Jan 24, 2007
8:00 a.m. Bus departs from New Otani Kaimana Beach Hotel to Univ. of Hawaii, Imin Conf. Center, Jefferson Hall, Asia Room

Morning Convenor: Axel Timmermann
8:30 a.m. Richard Smith: “Extreme precipitation trends over the continental United States”
9:10 a.m. Tapio Schneider: “Dynamic and thermodynamic constraints on extratropical precipitation”
9:50 a.m. Jeff Yin: “Extremes in global climate models”
10:30 a.m. Break
10:50 a.m. Hans von Storch: “The story of storminess in NW Europe”
11:30 a.m. Roger Pielke: “Making sense of trends in economic losses from extreme events
12:10-1:30 p.m. Lunch (downstairs in East-West Center)

Afternoon Convenor: Carl Wunsch
1:30 p.m. Raffaele Ferrari: “Extreme statistics of tracer dispersion”
2:10 p.m. Adrian Martin: “The prairie ocean”
2:50 p.m. Break
3:10 p.m. Jennifer MacKinnon: “Breaking oceanic internal waves: statistical and dynamical views”
3:50 p.m. Jim McWilliams: “Extreme events in geophysical turbulence: Which flow structures populate the tails of the probability distribution functions?”
4:30 p.m. Bus departs University for return to New Otani Kaimana Beach Hotel
Thursday, Jan 25, 2007

8:00 a.m.  Bus departs from New Otani Kaimana Beach Hotel to Univ. of Hawaii, Imin Conf. Center, Jefferson Hall, Asia Room

Morning Convenor: Jim McWilliams

8:30 a.m.  Jochem Marotzke: “The potential of the MOC to undergo abrupt change”
9:10 a.m.  Daniel Rothman: “Biogeochemical events and the slow logarithmic decay of marine organic carbon”
9:50 a.m.  Axel Timmerman: “Why El Niño is stronger than La Niña?”
10:30 a.m  Break
10:50 a.m  Kerry Emanuel: “Hurricanes in the climate system”
11:30 a.m  Michael McIntyre: “The dynamical constraints on extreme events”
12:15 p.m. Bus leaves University for return to New Otani Kaimana Beach Hotel (Lunch on your own)

Friday, Jan 26, 2007

8:00 a.m.  Bus departs from New Otani Kaimana Beach Hotel to Univ. of Hawaii, East West Center, Jefferson Hall, Asia Room

8:30 a.m.  Discussion Session I
10:15 a.m.  Break
10:30 a.m.  Discussion Session II
12:00-1:30 p.m.  Lunch (downstairs in East West Center)
1:30 p.m.  Discussion Session III
2:30-2:50 p.m.  Break
2:50 p.m.  Discussion Session IV
4:15 p.m.  Bus leaves University for return to New Otani Kaimana Beach Hotel

5:30-8:00 p.m.  Banquet at the Outrigger Canoe Club (2909 Kalakaua Ave.)