

Detailed Program for The Symposium on Physical Aspects of Global
and Regional Climate Dynamics
November 04, 2012
Sede Boqer Campus
Ben-Gurion University of the Negev

8:00 Departure of the bus from Kastina junction to Sede Boqer.

10:00 Opening words by the organizers and the BIDR director.

Session I

10:15 Michael Ghil – “Toward a theory of the North Atlantic Oscillation: Observations, theories and simulations.”

10:45 Yizhak Feliks – “NAO effects on the Mid-East climate.”

11:05 Pinhas Alpert – “The atmospheric moisture budget over the Eastern Mediterranean based on a high-resolution global model—past and future.”

11:25 Coffee Break

Session II

11:50 Nili Harnik – “Interannual variability of the stratosphere and the implications for the troposphere.”

12:10 Orli Lachmi – “Wave-mean flow interactions maintaining subtropical and midlatitude jets.”

12:25 Ori Adam – “Solutions of the Hadley Circulation in the limit of weak-eddy-dominance.”

12:40 Yaron Toledo – “Propagation of surface gravity waves on vertically averaged and vertically sheared flows.”

12:55 Lunch Break

Session III

14:15 Alon Rimmer – “Verification and comparison of methods to estimate surface fluxes under various time scales – Application to Lake Kinneret, Israel.”

14:35 Yair Cohen – “On the thermal gradient balance.”

14:50 Oded Padon – “OGCM GPU computing.”

15:05 Michael Siccha – “A numerical model of the Red Sea circulation during the
Marine Isotope Stage 5e.”

15:20 Yael Amitai – “Deep water formation in the Mediterranean.”

15:35 Coffee Break

Session IV

16:00 Hezi Gildor – “Paleoceanography of the Red Sea: regional and global lessons.”

16:20 Golan Bel – “The relation between the statistics of open ocean currents and
the temporal correlations of the wind.”

16:35 Yosef Ashkenazy – “Snowball oceanography.”

16:50 Eli Tziperman – “Atmospheric superrotation and permanent El Nino.”

17:20 Departure of the bus from Sede Boqer to Kastina Junction.