George Evens Family Auditorium
The Jacob Blaustein Institutes for Desert Research
Ben-Gurion University of the Negev, Sede Boqer Campus,
Midreshet Ben-Gurion

The 17th Sede Boqer Symposium
in Memory of Merav Ziv
Physiological and Biophysical Approaches
in Ecology and Conservation
31 March, 2016

PROGRAM

09:15
Reception & refreshments

09:30 - 09:45
Yael Lubin
Memories of Merav and Ecology Student Awards

09:45 - 10:35
Michael Angilletta
Keynote: Introduction by Berry Pinshow
Conservation physiology: when organismal function informs ecological applications

10:35 - 10:50
Refreshments

10:50 - 11:10
Efrat Dener
Long distance pollination results in short distance seed-dispersal

11:10 - 11:30
Nir Sapir
The effects of airflow properties and wing morphology on hummingbird flight

11:30 - 11:50
Victor China
Understanding the hydrodynamic mechanism that causes starvation in fish larvae during the critical period

11:50 - 12:10
Berry Pinshow
Animal burrow ventilation – new ideas about ancient phenomena

12:10 - 13:20
Lunch

13:20 - 13:50
Michael Scantlebury
Thermoregulatory variation in European and African mole-rats: a case of convergent evolution

13:50 - 14:10
Zaida Ortega
Thermal biology of high mountain lizards of the genus Iberolacerta: the threat imposed by climate change

14:10 - 14:30
Michal Horowitz
Adaptations to natural ambient conditions affect the thermo-tolerance and ability to acclimate to controlled conditions of high temperature in rodents

14:30 - 14:50
Refreshments

14:50 - 15:10
Maria Arroyave
Intra- and inter-specific plant interactions: a mechanistic trait-based approach using morphological and physiological measurements

15:10 - 15:30
Jorge Menezes
Patch use, latitude and millet: a global scale analysis of patch use behavior

15:30 - 15:50
Austin Dixon
Biophysical approach to understanding the effects of light pollution

15:50 - 16:10
Noga Kronfeld-Schor
Understanding the physiological mechanisms underlying ecological light pollution

16:10
Coffee and farewell