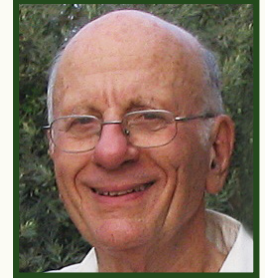


Theoretical Models in Ecology, Evolution, and Behavior: Recent Advances and Conceptual Issues

This conference is dedicated to Professor Danny Cohen on the occasion of his 80th birthday. Danny has been continuously active in research and teaching for more than 50 years and his knowledge, ideas, and imagination have challenged and inspired scholars all over the world. This conference will express Danny's broad interest in theoretical aspects of ecology, evolution, and behavior.



July 21, 2010

Conference Program

9:00 – 9:15 opening remarks

Evolution and Ecology I

9:15 – 10:00 **Simon Levin:** Evolutionary perspectives on discounting and sustainability

10:00 – 10:30 **Bill Kunin:** Scaling up and scaling down: understanding ecological patterns in space

10:30 – 10:50 **Omri Allouche:** Species diversity - from processes to patterns

10:50 – 11:20 Coffee break

Behavior

11:20 – 11:50 **Iain D. Couzin:** Collective animal behavior

11:50 – 12:10 **Tamar Keasar:** Parasitoid female soldiers and sex allocation

12:10 – 12:30 **Eran Tauber:** Molecular evolution of circadian clock genes

12:30 – 13:30 Lunch break

Poster presentation

13:30 – 14:30 Recent Advances in Ecology, Evolution and Behavior

Evolution and Ecology II

14:30 – 15:15 **Yoh Iwasa:** Evolution of masting, synchronized and intermittent reproduction of trees: the role of gap dynamics

15:15 – 15:45 **Katja Tielbörger:** Risk spreading in space and time - theory meets data

15:45 – 16:05 **Ariel Novoplansky:** Learning plant learning

16:05 – 16:30 Coffee break

Closing session

16:30 – 17:15 **Marc Mangel:** The evolutionary ecology of bone marrow stem cells and their products – new applications of classic ideas

17:15 – 17:45 **Danny Cohen:** Concluding perspectives

Social gathering with Danny and continuing poster presentation

17:45 – 20:00

Organizing committee: Guy Bloch, Ronen Kadmon, Marcelo Sternberg, Uzi Motro

The conference is organized in the framework of "Darwin Year" by the Department of Evolution, Systematics, and Ecology. It will take place at The Hebrew University, Feldman Building, Room 130, Edmond J. Safra Campus at Givat Ram, Jerusalem.

This announcement can be used as an invitation for entrance to The Hebrew University