**Sunday, May 13**

13:00 - Bus departure to Ma’agan from Edmond J. Safra Campus and The Robert H Smith Faculty of Agriculture, Food and Environment in Rehovot.

**16:00-17:00**
- Arrival
- Rooms
- Poster set up

**17:00-17:15 – Opening notes**

**17:15-18:50 - Session 1: Interdisciplinary perspectives on statistical learning**

**Chair: Udi Zohary**

17:15-17:40 - Ram Frost (HUJI), "Visual statistical learning and reading"

17:40-18:05 - Yonatan Loewenstein (HUJI), “Dissecting the roles of supervised and unsupervised learning in perceptual discrimination judgments”

18:05-18:30 - Omri Abend (HUJI), "A computational model for the semantic bootstrapping of grammar"

18:30-18:50 - Tali Tishby (HUJI), "The deep learning revolution - what can it tell us about our brains?"

**19:00-20:30- Dinner**

**20:30-21:15 - Special Guest Lecture – Prof. Arnon Lotem, (TAU) – “Slow learning, poor memory, and irrational decisions: is this the best brain evolution can offer?”**

**Monday, May 14**

**8:30-10:10 – Session 2: Consciousness.**

**Chair – Merav Ahissar**

8:30-8:55 - Dominique Lamy (TAU), “On the limits of unconscious processing”

9:20-9:45 - Rafi Malach (Weizmann Inst), “Few clouds over the horizon: open questions in the search for a neuronal theory of conscious awareness”

9:45-10:10 - Merav Ahissar (HUJI), Round-table discussion: "Consciousness - what do we mean and what is it good for?"

10:10-10:30 - Coffee Break

10:30-12:10 Session 3: somatosensory and motor system function
Chair: Aharon Lev-Tov

10:30-10:55 - Ilan Lampl (Weizmann Inst), “Correlation and decorrelation of ongoing and sensory synaptic activities in the somatosensory cortex”


11:20-11:45 - Eilon Vaadia (HUJI), “Brain machine interface as a window to learning and plasticity of local circuits of the motor cortex”

11:45-12:10 - Roy Mukamel (TAU), “Neural circuits mediating transfer of motor knowledge”

12:10-13:15 - Lunch

13:15-14:55 – Session 4: Social communication, signals, behaviors, and neuronal mechanisms
Chairs: Yoram Ben-Shaul & Mickey London


13:40 -14:05 - Shlomo Wagner (Haifa), “Hypothalamic regulation of social behavior in rodents”

14:05-14:30 - Galit Ophir (BIU), “Molecular mechanisms encoding social interaction in fruit flies”


15:15 - Leave for the trip

16:00-19:00  Trip – Walking tour of archeological site Vadum Iacob (מוֹדֵע יָבְרֶה)

Guide: Prof. Ronnie Ellenblum

19:00-21:00 –Dinner, Iskandar Restaurant
Tuesday, May 15

6:15 - Sunrise Bicycle ride along the Kinneret or Dragon Boats rowing (optional)
8:30 – Breakfast & check-out
9:30-11:10 – Session 5: Development and plasticity.
Chair – Ami Citri
9:55-10:20 - Ithai Rabinowitch (HUJI), "Brain-wide cross-modal and cross-body sensory modulation following sensory loss"
10:20-10:45 - Itamar Harel (HUJI), “Exploring the genetics of aging using a naturally short-lived vertebrate”

11:10-13:40 – Poster Session
11:10-12:40 – Poster exhibition and coffee break
12:40-13:40 – Students blitz

13:40-13:50 - Closing remarks

13:50 - 14:00 - Buses leaving from the hotel for lunch
14:20-15:40 – Lunch, The Kurdish village, Yardena (הכפר הkıדררי ירדננה)
15:40 – Buses departure to Jerusalem and Rehovot