

The 6th International Meeting of the Haifa Forum for Brain and Behavior

The Neuroscience of Social Interactions and Memory

February 14-16, 2016, Dan Panorama Hotel, Haifa

Program

Sunday, Feb. 14th

09:30-09:40 - Welcome greetings, Gal Richter-Levin

09:40-11:00 - Session 1: Emotions, Memory, and Psychopathology (Shihui Han)

Jeremy Hall - *Genetic risk for schizophrenia, plasticity and emotional learning.*

Ehud Klein - *The interplay between traumatic brain injury and PTSD, a focus on memory for the traumatic event.*

Gal Richter-Levin - *A unique role for the dentate gyrus in forming emotional memories.*

Roe Admon - *Inducing positive and negative affective states via social interactions.*

11:00-11:20 - Coffee break

11:20-12:40 - Session 2: Neural Mechanisms of Empathy (Christian Keysers)

Shihui Han - *Mortality threat enhances in-group bias in empathic neural responses.*

Claus Lamm - *Understanding empathy - advancing from neural correlates to neural mechanism.*

Giorgia Silani - *When affect sharing and self-other distinction fail: understanding emotional egocentricity bias (EEB) from a developmental perspective.*

Valeria Gazzola - *The neural bases of empathy.*

12:40-14:00 - Light lunch

14:00-15:20 - Session 3: Memory and Motivation (Genela Morris)

Mathias Pessiglione - *Inter-temporal choice - or how to resist temptation of immediate reward.*

Daphna Shohamy - *How Memory Mechanisms in the Hippocampus Guide Value-Based Decisions.*

Cyriel Pennartz - *Neural dynamics of memory, planning and motivated action.*

Tom Schonberg - *The cue-approach task: a novel mechanism of non-reinforced behavioral change.*

15:20-15:40 - Break

15:40-17:00 - Session 4: The mechanisms of emotional social learning (Simone Shamay-Tsoory)

Valery Grinevich - *Central oxytocin pathways: fear and sociality.*

Shlomo Wagner - *The interplay between social arousal and social memory: lessons from the social brain.*

Talma Hendler - *Neuroepigenetic markers of slow recovery from acute social stress.*

Yair Shemesh - *Ucn3-CRFR2 in the medial amygdala regulates social approach behavior in mice.*

Mouna Maroun - *Social interaction and fear extinction: role of oxytocin in the prefrontal cortex.*

17:10-18:20 - Session 5: The Cognition of Memory (Ainat Pansky)

Eli Vakil - *Anticipation measures of sequence learning: Manual versus oculomotor versions of the serial reaction time task.*

Avi Karni - *"How to" memory after learning from observation and from actual performance.*

Tali Bitan - *Effect of sleep in learning a novel language in children and adults.*

Asher Koriat - *Social conformity and group decisions: Insights from research on subjective confidence.*

18:30-19:30 - Plenary Lecture I: Iain Couzin

Collective Cognition in Animal Groups

Get-together dinner for invited speakers

Monday, Feb. 15th

09:00-10:20 - Session 1: Consolidation and Reconsolidation (Avi Mendelsohn)

Nitzan Censor - *Neuromodulation of existing human procedural memories: A gateway to understanding learning and forgetting dynamics.*

Jonathan Lee - *Strengthening hippocampal contextual fear memories via reconsolidation.*

Rafi Lamprecht - *The roles of actin cytoskeleton and its regulatory proteins in memory formation.*

Yaniv Assaf - *The temporal and spatial dynamics of rapid structural plasticity.*

10:20–10:40 – Coffee break

10:40–12:00 - Session 2: Episodic Memory and Neuropsychology (Eli Vakil)

Daniel Levy - *Neuropsychological investigations of the cortical substrates of episodic remembering.*

Jon Simons - *The subjective experience of remembering.*

Elisa Ciaramelli – *The role of medial prefrontal cortex in mind-wandering: lesion studies.*

Yonatan Goshen-Gottstein - *Recollective and non-recollective processes in the retrieval dynamics of free recall.*

12:00–13:30 – Lunch

13:30–15:00 - Session 3: Cognitive Neuroscience of Memory (Rachel Tomer)

Christian Büchel – *The neural basis of fear generalization in humans.*

Daniela Schiller - *A map for social navigation in the human brain.*

Moshe Bar - *Lasting primacy in the proactive brain: A hypothesis.*

Yoni Pertzov - *Forgetting what was where: the cognitive neuropsychological approach.*

Anat Maril – *Prior knowledge influences on incidental learning over multiple repetitions.*

15:00–15:30 - Break

15:30–17:00 - Session 4: Social Synchrony in the Brain (Lior Noy)

Kai Vogele - *Neural mechanism of intersubjectivity.*

Avi Goldstein - *Does charisma synchronize followers' brains? A MEG Study.*

Yulia Golland - *Studying emotions in time and across people.*

Ruth Feldman - *The human parental brain as a blueprint for social neuroscience.*

18:00–19:00 - Plenary Lecture II: Joseph Buxbaum

The Genetics of Autism: Insights into the molecular and cellular underpinnings of the social brain.

19:00–21:00 – Wine & Cheese Poster Session

Tuesday, Feb. 16th

09:00-10:40 - Session 4: Memory and Plasticity (Gal Richter-Levin)

Elek Molnar - *Analysis of the expression profile and regional distribution of neurotransmitter receptors and ion channels in the central nervous system using histoblots.*

Kobi Rosenblum - *From molecular and cellular mechanisms underlying cortical-dependent memories to cognitive enhancers.*

Inna Gaisler-Salomon - *Glutamate dehydrogenase-deficient mice: a mouse model of schizophrenia-like phenotypes*

Irit Akirav - *Cannabinoids modulation of memory and plasticity after stress.*

Lior Cohen - *Cortical synaptic plasticity during the reproductive cycle.*

10:40-11:00 - Coffee break

11:00-12:20 Session 2: - Emotion Regulation and the Brain (Claus Lamm)

Gal Sheppes - *The dynamics of cognitive emotion regulation strategies.*

Einat Levy-Gigi - *All that glitters is not gold: The role of cognitive flexibility in stress and resilience.*

Hadas Okon-Singer - *Abnormal emotional reaction among individuals at high risk of developing hypertension and possible modification using attentional mechanisms.*

Hanoch Kaphzan - *Novel homeostatic mechanisms in a mice model of Angelman syndrome, clinical implications for autism and neurodevelopmental disorders.*

Closing notes