The 9th (Virtual) Conference on Cognition Research of the Israeli Society for Cognitive Psychology (2022)

Full Program (Titles & Speakers)

Wednesday, February 16th

9:00 – 10:20

Symposium 1: The where and when of NCC? (Coordinator: Moti Salti)

9:00 – 9:20	Revision of the fundamental assumptions framing the study of the neural correlates of consciousness *Moti Salti* Ben-Gurion University
9:20 – 9:40	Conscious awareness is a complex multidimensional neuropsychological state *Leon Y. Deouell* The Hebrew University of Jerusalem
9:40 – 10:00	How theories of consciousness shape the search for the neural correlates of consciousness: a critical review *Liad Mudrik* Tel Aviv University
10:00 – 10:20	Whose experience is it anyway? Bridging perceptual and "Self" consciousness(es) *Roy Salomon* Bar Ilan University

Symposium 2: Towards ecological cognitive sciences (Coordinator: Shahar Arzy)

9:00 – 9:20	Using films and music to probe narrative and memory formation *Avi Mendelsohn, Amir Assouline, and Nawras Kurzom* University of Haifa
9:20 – 9:40	The when and what of episodic encoding *Aya Ben-Yakov* Hebrew University of Jerusalem
9:40 – 10:00	Deeper than we think: partisan-dependent activation and synchronization of early sensory and motor cortices *Yaara Yeshurun* Tel Aviv University
10:00 – 10:20	Brain coding for social structure and its disruption in Alzheimer's disease *Shahar Arzy* Hebrew University of Jerusalem and Hadassah Hebrew University Medical School

10:30 – 12: 30 Poster Session 1

Action

1	Temporal Hierarchy of Goal-Directed Actions *Shahar Aberbach-Goodman and Roy Mukamel* Sagol School of Neuroscience and School of Psychological Sciences, Tel Aviv University, Israel
2	Expected intensity of action outcome is embedded in the action's kinetic features *Batel Buaron[1], Daniel Reznik[2], and Roy Mukamel[1]* [1] Sagol School of Neuroscience and School of Psychological Sciences, Tel-Aviv University [2] Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany
3	Intentional Finger Grip-Force control acquisition: A Psycho-physical and Physiological Study *Michael Wagner[1], Omri Arbiv[1], and Jackie Reznik[2]* [1] Department of Industrial Engineering and Management, Ariel University; [2] Australian Institute of Tropical Health and Medicine, James Cook University
4	Decoding remapped stimulus information from EEG in the pre-saccadic period *Caoimhe Moran [1,2], Philippa Johnson [2], Hinze Hogendoorn [2], and Ayelet Landau [1]* [1] The Hebrew University of Jerualem; [2] The University of Melbourne

Aging

5	Empathy in Adulthood: Considering the Role of Age and Executive Functions *Noam Mairon, Mor Nahum, and Anat Perry* The Hebrew University of Jerusalem, Israel
6	Safe and Sound – The Effects of Experimentally Priming Attachment Security on Auditory Sensation (Pure Tone Audiometric Thresholds) among Young and Older Adults. *Boaz Ben-David [1], Shir Nagar [1], Gal Nitsan [1,2], and Mario Mikulincer [1].* [1] Reichman university; [2] Haifa University
7	Telehealth Speech Processing Assessment during COVID-19 in Older Adults: iT-RES, Validating a Remote Version of the Test for Rating Emotions in Speech in Older Age. *Yehuda Dor [1,2], Matan Bookris [2], Keren Agus [2], Daniel Algom [1], and Boaz M. Ben-David [2].* [1] School of Psychological Sciences, Tel-Aviv University; [2] Baruch Ivcher School of Psychology, Reichman University (Interdisciplinary Center), Herzliya.
8	The Effects of Priming Ageist, Ethnic and Racial Stereotypes on Processing of Emotions in Speech *Lior Tidhar and Boaz Ben David* Reichman university (IDC herzliya)
9	Math Fluency and verbal fluency among young and old adults *Yarden Gliksman[1], Itai Schwarz[2], and Avishai Henik[2]* [1] Ruppin Academic Center, Emek Hefer; [2] Ben-Gurion University of the Negev, Beer-Sheva

Cognitive Control

10	The relationship between naming and executive function abilities and recovery in the sub-acute phase after stroke *Shaked Israel, Reut Binyamin-Netser, and Lior Shmueluf* The Translational Neurorehabilitation Lab at Adi Negev Nahalat Eran, Ofakim, Israel
11	The neural basis of motivational conflicts *Ariel Levy, Maya Enisman, and Tali Kleiman* Hebrew University of Jerusalem
12	The impact of inhibitory training on implicit attitude and food consumption in restrictive eaters *Shir Berebbi and Eyal Kalanthroff* Hebrew University
13	Characterizing Different Cognitive and Neurobiological Profiles Related to Inhibition and Reading Abilities in a Community Sample of Children Using a Nonparametric Approach: An fMRI Study *Victoria Khalfin Fekson [1], Tomer Michaeli [2], Keri S. Rosch [3], Bradley S. Schlaggar [3], and Tzipi Horowitz-Kraus [1,3,4]* [1] Educational Neuroimaging Group, Faculty of Education in Science and Technology, Technion, Israel; [2] Faculty of Electrical and Computer Engineering, Technion, Israel; [3] Center for Neurodevelopmental and Imaging Research and Neuropsychology Department, Kennedy Krieger Institute and Department of Psychiatry and Behavioral Sciences, Johns Hopkins University School of Medicine, Baltimore, MD, USA; [4] Faculty of Biomedical Engineering, Technion, Israel
14	Less in more? Decreased reliance on neural circuits supporting executive functions while performing a cognitive task in Arabic vs Hebrew speakers: An FNIRS study *Donia Abo-elhija[1] and Tzipi Horowitz-Kraus[1,2,3,4]* [1]Educational Neuroimaging Group, Faculty of Education in Science and Technology, [2]Faculty of Biomedical Engineering, Technion, Haifa, Israel; [3]Kennedy Krieger Institute, Baltimore, MD, USA; [4]Department of Psychiatry and Behavioral Sciences, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Consciousness

15	Representation of content in sustained viewing conditions: a case study for consciousness theories *Gal Vishne [1], Edden M. Gerber [1], Robert T. Knight [2], and Leon Y. Deouell [1]* [1] The Hebrew University, Jerusalem, Israel; [2] University of California, Berkeley, United States
16	Role of Conscious Perception in Semantic Processing *Nitzan Micher, Diana Mazenko, and Dominique Lamy* Tel Aviv University and Sagol School of Neuroscience
17	Phenomenal-without-access consciousness and its neural mechanisms: an empirical investigation *Yoni Amir[1], Yaniv Assaf [1,2], Yossi Yovel[1,3], and Liad Mudrik[1,4]* [1] Sagol School for Neuroscience, Tel-Aviv University, Tel Aviv, Israel;[2] Department of Neurobiology, Faculty of Life Sciences, Tel Aviv University, Tel Aviv, Israel;[3] School of Zoology, Tel Aviv University, Tel Aviv, Israel;[4] School of Psychological Sciences, Tel-Aviv University, Tel Aviv, Israel
18	The role of consciousness in semantic integration and selection processes *Dana Harel, Liad Mudrik, and Orna peleg* Tel Aviv University
19	Expectation-induced blindness: Predictions about object categories gate awareness of focally attended objects in dynamic displays *Alon Zivony and Martin Eimer* Birkbeck College, University of London, London, UK

Development

20	Developmental trajectories of attention functions in early childhood. *Hadija Satel [1], Inbar lucia Trinczer [1], Michal Schreiber [2], Tom Maayan [1], Maya Polishchuk Peretz [1], Sandra Fanous [1], and Lilach Shalev [1].* [1] Tel Aviv University; [2] Talpiot College of Education
21	Which mechanisms are involved in the development of sensory-motor synchronization? *Michal Dobner Ives [1], Eli fivelzon [2], Gal Vishne [3], and Merav Ahissar [1,3]* [1] Psychology, Hebrew University of Jerusalem; [2] Computer Science, Hebrew University of Jerusalem; [3] Edmond & Lily Safra Center for Brain Sciences, Hebrew University of Jerusalem
22	Parent-Child Attachment is Associated with Unique Neural Synchrony While Listening to Stories: An fMRI Study *Nir Habouba [1], Raya Meri [2], Alan Apter [3], Dror Kraus [4], Tamar Steinberg [4], Radhakrishnan Rupa [5], Daniel Barazzani [6], Rola Farah [2], and Tzipi Horowitz-Kraus [1,2]* [1] Technion faculty of Biomedical Engineering; [2] Technion Faculty of Education in Science and Technology; [3] The Department of Psychological Medicine, Schneider Children's Medical Center of Israel (SMMCI); [4] The institute of Child Neurology SMMCI; [5] Indiana University, School of Medicine; [6] The Alfedro Federico Strauss Center for Computational Neuroimaging, Tel Aviv University, Tel Aviv, Israel
23	Comparing Learning of Two Modalities of a grapho-motor Task by Kindergarteners and Adults *Duaa Abd ElHadi and Esther Adi-Japha* Bar-Ilan University
24	Preliminary evidence for temporal expectation effects in 12 month old infants *Sheer Wolff[1], Noam Tal-Perry[1], and Shlomit-Yuval Greenberg[1,2]* [1] School of Psychological Sciences, Tel-Aviv University; [2] Sagol School of Neuroscience, Tel-Aviv University
25	Spatial organization in self-initiated Visual Working Memory (VWM) in 7-10 years old children. *Neta Gorohovsky and Hagit Magen* The Hebrew University of Jerusalem, Jerusaem, Israel.

Emotion

26	Emotion Regulation Among College Students with and without Learning Disabilities *Marlyn Khouri [1] and Noga Cohen [1,2]* [1] Faculty of Education, University of Haifa, Haifa, Israel; [2] Edmond J. Safra Brain Research Center, University of Haifa, Haifa, Israel
27	Many faces of synchronization: synchronization pattern across various facial expressions reflects political agreement *Inbal Ravreby [1], Mayan Navon [2], Eliya Pinhas [3], Jenya Lerer [3], Tzlil Lijishal [3], Maya Farchi [3], Yoav Bar-Anan [3], and Yaara Yeshurun [3]* [1] Weizmann Institute of Science, Rehovot, Israel; [2] Ben-Gurion University of the Negev, Beer-Sheva, Israel; [3] Tel-Aviv University, Tel-Aviv, Israel
28	Do Men and Women Feel Their Emotions Differently? An Evidence Accumulation Modeling Approach for Sex Differences in Emotion-Reports *Ella Givon and Nachshon Meiran* Ben-Gurion University of the Negev
29	Indirect measure of emotional clarity *Ilona Glebov Russinov and Avishai Henik* Ben-Gurion University of the Negev
30	Local Processing Increases while Global Processing Decreases Negative Emotional Reactivity *Mor Ben Zaken Linn and Noam Weinbach* School of Psychological Sciences, University of Haifa
31	STUDIES ON THE ADAPTIVE-FUNCTION OF SHAME *Yiftach Argaman and Assaf Kron* Haifa University

Emotion, Mental Disorders and Psychopathology

32	The Influence of Inhibitory Control on Reappraisal and the Experience of Negative Emotions *Meital Gil, Noga Cohen, and Noam Weinbach*
33	Distinct eccentricity effects on emotional valence perception are not reflected by pupil size *Vasilisa Akselevich [1,2] and Sharon Gilaie-Dotan [1,2,3]* [1] School of Optometry and Vision Science, Faculty of Life Science, Bar Ilan University, Ramat Gan, Israel; [2] The Gonda Multidisciplinary Brain Research Center, Bar Ilan University, Ramat Gan, Israel; [3] UCL Institute of Cognitive Neuroscience, London, UK
34	Extrinsic Emotion Regulation Choice in Depression *Atheer Odah Massarwe[1] and Noga Cohenp[1,2]* [1] Department of Special Education, Faculty of Education, University of Haifa; [2] The Edmond J. Safra Brain Research Center for the Study of Learning Disabilities, University of Haifa
35	The Effect of Peripheral Information on the Intensity of Affective Responses in Depression *Tamar Amishav and Nilly Mor* Hebrew University of Jerusalem
36	Detecting the Dark Triad from Emotionally Neutral Faces *Danielle Rebecca Haroun, Yaarit Amram, and Joseph Glicksohn* Department of Criminology, Bar-Ilan University, Israel

Memory

37	External and Internal Search: The Effect of Spatial Search on Semantic Memory *Ruth Levav, Kinneret Teodorescu, and Yoed N. Kenett* Technion – Israel Institute of Technology
38	An investigation of the cognitive and neural correlates of semantic memory search related to creative ability Marcela Ovando-Tellez[1], Mathias Benedek[2], Yoed N. Kenett[3], Thomas Hills[4], Sarah Bouanane[1], Matthieu Bernard[1], Joan Belo[1], Theophile Bieth[1,5], and Emmanuelle Volle[1] [1] Sorbonne University, FrontLab at Paris Brain Institute (ICM), INSERM, CNRS, 75013, Paris, France; [2] Institute of Psychology, University of Graz, Graz, Austria; [3] Faculty of Industrial Engineering and Management, Technion – Israel Institute of Technology, Haifa 3200003 Israel; [4] Department of Psychology, University of Warwick, University Road, Coventry, CV4 7AL, United Kingdom; [5] Neurology department, Pitié-Salpêtrière hospital, AP-HP, F-75013, Paris, France
39	Neural evidence for enhanced rehearsal of first items *Gilad Poker [1], Noga Oren [2], Vered Bezalel [1], Talma Hendler [1,3], Itzhak Fried [3,4], Anthony D. Wagner [5], and Irit Shapira-Lichter [2,3]* [1] Sagol Brain Institute, Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel; [2] Functional MRI Center, Rabin Medical Center, Beilinson Campus, Petach Tikva, Israel; [3] Sagol School of Neuroscience and Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel; [4] Department of Neurosurgery, Tel Aviv Sourasky Medical Center, Tel-Aviv, Israel & Department of Neurosurgery, David Geffen School of Medicine and Semel Institute for Neuroscience, University of California at Los Angeles (UCLA), Los Angeles, CA, USA; [5] Department of Psychology and Neurosciences Program, Stanford University, Stanford, CA, USA
40	Massive Visual Long-Term Memory is Largely Dependent on Meaning *Roy Shoval, Nurit Gronau, and Tal Makovski* Open University of Israel
41	Human spatial memory in the real world - Augmented Reality, mobile neuroimaging and chronic implants *Shachar Maidenbaum [1], Vaclav Kremen [2], Ansh Patel [3], Kai Miller [2], Jamie VanGompel [2], Ben Brinkmann [2], Vladimir Sladky [2], Gregory Worrell [2], and Joshua Jacobs [3]* [1] Ben Gurion University; [2] Mayo Clinic; [3] Columbia University

Mental Disorders and psychopathology

42	The connection between trauma symptoms and deficits in inhibitory control: The case of Israel's war zone areas *Mor David, Elad Horowitz, and Eyal Kalanthroff* The Hebrew University of Jerusalem
43	Perseverative Cognition during the Menstrual Cycle: A Systematic Review *Zahira Z. Cohen and Michael C. Anderson* Medical Research Council – Brain and Cognition Sciences Unit, University of Cambridge, UK
44	Exposure to prolonged trauma and Obsessive-Compulsive symptoms: A study in a warzone area *Mor David, Elad Horowitz, and Eyal Kalanthroff* The Hebrew University of Jerusalem
45	Optimization of computerized CBT interventions for improving self-esteem and well-being through Theta AVE *Limor Shtoots, Asher Nadler, Guy Doron, and Daniel Levy* Reichman University / Interdisciplinary Center (IDC)

46	Neuro-Psychiatric Symptoms in Civilian Survivors of Urban Missile Attacks *Rotem Saar-Ashkenazy [1, 2, 3], Sharon Naparstek [4, 5, 6], Yotam Dizitzer [7], Alon Friedman [2, 3, 8], Ilan Shelef [3, 9], Hagit Cohen [10], Hadar Shalev [11], Liat Oxman [7], Victor Novack [7], and Gal Ifergane [12]* [1] Faculty of Social-Work, Ashkelon Academic College, Ashkelon, Israel; [2] Department of Cognitive-Neuroscience, Ben-Gurion University of the Negev, Beer-Sheva, Israel; [3] Zlotowski Center for Neuroscience, Ben-Gurion University of the Negev, Beer-Sheva, Israel; [4] Department of Psychology Ben-Gurion University of the Negev, Beer-Sheva, Israel; [5] Department of Psychiatry and Behavioral Sciences and Wu Tsai Neurosciences Institute, Stanford University; [6] Sierra Pacific Mental Illness, Research, Education, and Clinical Center (MIRECC), Veterans Affairs Palo Alto Healthcare System; [7] Clinical Research Center, Soroka University Medical Center, Beer-Sheva, Israel; [8] Department of Medical Neuroscience, Dalhousie University, Halifax, NS, Canada B3H4R2; [9] Department of Diagnostic Imaging, Soroka University Medical Center, Beer-Sheva, Israel; [10] Ministry of Health, Anxiety and Stress Research Unit, Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer-Sheva, Israel; [11] Department of Psychiatry, Soroka University Medical Center, Beer-Sheva, Israel; [12] Department of Neurology, Soroka University Medical Center, Beer-Sheva, Israel;

Numerical cognition

47	Do Instructions Modulate the Way we Interact with Continuous Properties in Dot-array Comparison Tasks? *Aviv Avitan and Avishai Henik* Ben-Gurion University of the Negev
48	Transfer and Context-Driven Effects Reveal Unidirectional Relation between Non-Symbolic Estimation and Comparison *Gabriel Braun [1], Tali Leibovich-Raveh [2], and Einat Shetreet [1]* [1] Tel Aviv University; [2] University of Haifa
49	Multi-digit calculation: How task requirements and individual characteristics determine which specific working-memory mechanism is used *Shibolet Nir and Dror Dotan* Mathematical Thinking Lab, School of Education, Tel Aviv University

12:30 – 13:30 Lunch Break

13:30 – 15:10

Symposium 3: The Awake and the Sleeping Brain: Similarity, Disparity and Cross Communication (Coordinators: Eva Kimel and Tali Bitan)

13:30 – 13:50	Sleep Dependent Consolidation of Novel Language Learning *Eva Kimel [1,5], Dafna Ben Zion [1,2,3], Anat Prior [2,3], Ilana S Hairston [1,4], Gareth Gaskell [5], Tali Bitan [1,6,7]* [1] The Institute of Information Processing and Decision Making, University of Haifa; [2] Department of Learning Disabilities, University of Haifa; [3] Edmond J. Safra Brain Research Center, University of Haifa; [4] Department of Psychology, Tel Hai Academic College; [5] Department of Psychology, University of York; [6] Department of Psychology, University of Haifa; [7] Department of Speech Language Pathology, University of Toronto
13:50 – 14:10	Dynamic Auditory Remapping Across the Sleep-Wake Cycle *Anat Arzi[1,2,3,4], Caterina Trentin[1], Annamaria Laudini[1], Alexandra Krugliak[1], Dritan Nikolla[1], Tristan A. Bekinschtein[1]* [1] Department of Psychology, University of Cambridge, United Kingdom; [2] Paris Brain Institute, France; [3]Department of Medical Neurobiology, Hebrew University of Jerusalem, Israel; [4] Department of Cognitive Sciences, Hebrew University of Jerusalem, Israel
14:10 – 14:30	Ruminating oneself to sleep: The moderating role of reappraisal and suppression in the association between rumination and sleep difficulty in a non-clinical sample *Ilana S Hairston [1,2], Lilach Portal [1,3] and Tal Carmon [1]* [1] Psychology Department, Tel Hai Academic College; [2] The Institute of Information Processing and Decision Making (IIPDM), University of Haifa; [3] Psychology Department, The Max Stern Yezreel Valley College.
14:30 – 14:55	About time & sleep: language learning and the recall of texts *Avi Karni [1,*2] [1] The Edmond J. Safra Brain Research Center for the Study of Learning Disabilities, University of Haifa; [2] Sagol Department of Neurobiology, University of Haifa

Symposium 4: What and who affects learning (And how to capture these computationally)? (Coordinator: Uri Hertz and Maayan Pereg)

13:30 – 13:50	State-independent and outcome-irrelevant model-free learning *Nitzan Shahar* Tel-Aviv University
13:50 – 14:10	Efficient planning algorithms humans use to pursue multiple goals *Paul B. Sharp and Eran Eldar* The Hebrew University of Jerusalem
14:10 – 14:30	The computational varieties of emotional experiences *Aviv Emanuel and Eran Eldar* Hebrew University of Jerusalem
14:30 – 14:50	Should I learn from a teacher or by myself? Instructions based vs. self-directed learning *Maayan Pereg [1,2,3], Uri Hertz [4], and Nitzan Shahar [2,3]* [1] Minducate science of learning research and innovation center, Tel-Aviv University; [2] Sagol School of Neuroscience, Tel-Aviv University; [3] School of Psychological Sciences, Tel Aviv University; [4] Department of Cognitive Sciences, University of Haifa
	Trusting and learning from others: immediate and long-term effects of learning from observation and advice

14:50 – 15:10	Uri Hertz[1], Vaughan Bell[2] and Nichola Raihani[3] [1] Department of Cognitive Sciences, University of Haifa, Haifa, Israel; [2] Department of Clinical, Education and Health Psychology, University College London, London, United Kingdom; [3] Department of Experimental Psychology, University College London, WC1H 0AP, London, United Kingdom.

Symposium 5: Construal Level Theory: Implications for Consciousness and Cognition (Coordinator: Ravit Nussinson)

13:30 – 13:50	Emotion regulation by psychological distance and level of abstraction – the type of emotion as an important moderator *Tal Moran[1] and Tal Eyal[2]* [1]The Open University of Israel; [2]Ben-Gurion University of the Negev
13:50 – 14:10	The Effect of Psychological Distance on Generalization in Predictive Learning Paradigm *Hadar Ram [1,2], Guy Grinfeld [3] and Nira Liberman [3]* [1] Technion; [2] Bar Ilan University; [3] Tel Aviv University
14:10 – 14:30	Construing Hypotheticals: How Likelihood and Counterfactuals Affect Level of Abstraction *Guy Grinfeld [1], Cheryl Wakslak [2], Yaacov Trope [3], and Nira Liberman [1]* [1] Tel-Aviv University; [2] University of Southern California; [3] New York University
14:30 – 14:50	The Poetry of Psychological Distance: Bi-Directional Associations Between Stimulus Speed and its Psychological Distance and Construal Level *Ravit Nussinson [1,2], Inbar Rozenberg [1], Ayelet Hatzek [1], Sari Mentser [3], Maayan Navon [4], Michael Gilead [4], Almog Simchon [4,5] and Nira Liberman [6]* [1] Open University of Israel; [2] The University of Haifa; [3] The Hebrew University; [4] Ben-Gurion University of the Negev; [5] School of Psychological Science, University of Bristol, UK; [6] Tel-Aviv University
14:50 – 15:10	Discussion *Nira Liberman* Tel-Aviv University

15:30 – 17:30 Poster Session 2

Attention

1	The role of attention in implicit learning of predictive features *Felice Tavera and Hilde Haider* University of Cologne
2	Out of control: Statistical learning of target location *Aidai Golan and Dominique Lamy* Tel Aviv University
3	Subjective preference detection with gaze-tracking in a virtual reality environment *Michal Gabay and Tom Schonberg* Sagol School of Neuroscience and The Department of Neurobiology, George S. Wise Faculty of Life Sciences, Tel Aviv University
4	Ocular singleton in visual search task: Dissociating bottom-up attention and awareness *Danielle Babitz, Daniele Re, Michal Rubin, and Ayelet N. Landau* The Hebrew University of Jeursalem, Jerusalem, Israel
5	Covert detection of own name and semantic incongruencies in background speech in a Virtual Café *Adi Brown, Ksenia Burgart, Danna Pinto, and Elana Zion Golumbic* Bar-Ilan University

Developmental Disorders

6	Early predictors of inhibitory control in adolescence: A longitudinal ERP study on boys at familial risk for ADHD *Tzlil Einziger [1], Tali Devor [1], and Andrea Berger [1,2]* [1] Department of Psychology, Ben-Gurion University of the Negev, Beer Sheva, Israel; [2] Zlotowski Center for Neuroscience
7	Developmental dysgraphia in Hebrew – Types and distribution *Maya Yachini and Naama Friedmann* Language and Brain Lab, Tel-Aviv University
8	Theory of Mind and Language in children with and without Autism: Evidence from Palestinian -Arabic speaking children *Muna Abed Al Raziq, Natalia Meir, and Elinor Saigh-Haddad* BarI-Ilan University
9	Skill acquisition of face categorization is reduced in dyslexia *Ayelet Gertsovski, Odeya Guri, and Merav Ahissar* Hebrew University of Jerusalem

Emotion

10	Spiders vs. Guns: Expectancy and Attention Biases in Phylogenetically vs. Ontogenetically Threatening Stimuli *Elinor Abado [1,2], Amal Weishahi [1,2], Tatjana Aue [3], and Hadas Okon-Singer [1,2]* [1] School of Psychological Sciences, University of Haifa, Haifa, Israel; [2] The Integrated Brain and Behavior Research Center (IBBR), University of Haifa, Haifa, Israel; [3] Institute of Psychology, University of Bern, Bern, Switzerland.
11	Adaptive Empathy: Empathic Response Selection as a Dynamic, Feedback-Based Learning Process *Elena Kozakevich Arbel, Simone G. Shamay-Tsoory, and Uri Hertz* University of Haifa, Israel
12	Reducing Blood-Injection-Injury Fear Using a Manipulation of Expectancies *Elinor Abado[1,2], Selena Abid[1,2], Tatjana Aue3, and Hadas Okon-Singer[1,2].* [1] School of Psychological Sciences, University of Haifa, Haifa, Israel; [2] The Integrated Brain and Behavior Research Center (IBBR), University of Haifa, Haifa, Israel; [3] Institute of Psychology, University of Bern, Bern, Switzerland.
13	"Feel it before you know it" Affective valence updates faster than Semantic valence in variable environments. *Orit Heimer, Assaf Kron, and Uri Hertz* University of Haifa
14	The Effect of Negative Stimuli in Incidental Learning: The Case of visual statistical learning *Meital Fridman[1,2], Tomer Sahar[1,3] , Tal Makovski[3] , and Hadas Okon-Singer[1,2] .* [1] School of Psychological Sciences, University of Haifa, Israel; [2] The Brain and Behavior Research Center (IBBRC), University of Haifa, Israel; [3] Department of Education and Psychology, The Open University, Israel

Judgment and Decision-making

15	Differences between Individual and Collective Recognition Memory *Gil Ben Josef and Yoav Kessler* Ben-Gurion University of the Negev
16	Believing in Nothing and Believing in Everything: The Underlying Cognitive Paradox of Anti COVID-19 Vaccine Attitudes *Devora Newman [1], Stephan Lewandowsky [2,3], and Ruth Mayo [1]* [1] Department of Psychology, Hebrew University of Jerusalem, Israel; [2] School of Psychological Science and Cabot Institute, University of Bristol; [3] University of Western Australia
17	Confirmation Bias and information updating *Gal Atun and Marius Usher* Tel Aviv University
18	Promoting Healthy Eating Behaviors by Incentivizing Exploration of Healthy Alternatives *Yael Shavit[1], Yefim Roth[2], and Kinneret Teodorescu[1]* [1] Technion – Israel Institute of Technology; [2] University of Haifa
19	The multifaceted nature of information gathering *Tal Nahari, Yoni Pertzov, and Eran Eldar* The Hebrew university of Jerusalem

Language and Development

20	Prediction of individual differences in reanalysis performance based on eye-blink rate and reading times *Lola Karsenti and Aya Meltzer-Asscher* Tel Aviv University
21	N400 modulations in metaphor evaluation and its associations with attentional systems: A behavioral and ERP study *Shay Menashe [1.3], Nira Mashal [1.3], and David Anaki [2.3]* [1] School of Education; [2] Department of Psychology; [3] The Gonda Multidisciplinary Brain Research Center; Bar-Ilan University
22	Group membership impact on pragmatic inferences *Inbal Kuperwasser, Yoav Bar-Anan, and Einat Shetreet* Tel Aviv University
23	The Effect of Cannabis on reading *Rakefet Lorber-Keidar and Naama Friedmann* Tel-Aviv University
24	On-line processing of definiteness in monolingual and bilingual children: A self-paced listening study *Dana Plaut and Natalia Meir* Bar-Ilan University
25	Cross-linguistic influence in nominal morphology among Russian-Hebrew bilingual children *Julia Reznick [1] and Sharon Armon-Lotem [2]* [1] Ariel University; [2] Bar-Ilan University

Metacognition

26	Neural Synchronization as a Function of Engagement with the Narrative *Tal Ohad and Yaara Yeshurun* Tel Aviv University
27	What does it feel like to forget over time? An investigation of the effects of delay on objective and subjective measures of memory *Zohar Groman [1,3] and Talya Sadeh[1,2,3]* [1] The Department of Cognitive and Brain Sciences, Ben-Gurion University of the Negev, Beer Sheva, Israel; [2] Department of Psychology, Ben-Gurion University of the Negev, Beer Sheva, Israel; [3] Zlotowski Center for Neuroscience, Ben-Gurion University of the Negev, Beer Sheva, Israel
28	The role of semantic distance in metacognitive originality judgments *Noam Gooz, Rakefet Ackerman, and Yoed N. Kenett* Faculty of Industrial Engineering and Management, Technion – Israel Institute of Technology, Haifa, Israel
29	Do some moral issues seem more objective than others? A moral foundations approach *Roy Schulman, Prof. Tal Eyal [1], and Prof. Nira Liberman [2]* [1] Ben Gurion University, Be'er Sheva; [2] Tel aviv University, Tel Aviv
30	The Intersection between Judgments of Mental Effort and Metacognitive Judgments in Problem Solving *Yael Sidi [1] and Rakefet Ackerman [2]* [1] Open University of Israel; [2] Technion - Israel Institute of Technology

Perception

31	The effects of inter-stimuli similarity on masking and temporal crowding *Ilanit Hochmitz and Yaffa Yeshurun* Department of Psychology, The Institute of Information Processing and Decision Making (IIPDM), University of Haifa, Israel
32	Prior experience effects in perceptual averaging *Noam Khayat, Merav Ahissar, and Shaul Hochstein* Hebrew University of Jerusalem
33	P2: A novel ERP marker of global scene perception *Assaf Harel* Wright State University, Dayton, Ohio
34	Repetition suppression/enhancement effects in response to visual food cues: a MEG study *Karin Sudri [1], Adi Korisky [2], and Abraham Goldstein1[1,2]* [1] Department of Psychology, Bar Ilan University, Ramat Gan, Israel; [2] The Gonda Multidisciplinary Brain Research Center, Bar-Ilan University, Ramat Gan, Israel
35	What Takes the Brain so Long: Object Recognition at the Level of Minimal Images Develops for up to Seconds of Presentation Time *Daniel Harari [1], Hanna Benoni [2] and Shimon Ullman [1]* [1] The Weizmann Institute of Science; [2] The College of Management Academic Studies
36	Rhythmic facilitation of visual discrimination is dependent on individuals spontaneous motor tempo *Snapiri Leah [1], Kaplan Yael [1], Shalev Nir [2], and Landau Ayelet N. [1]* [1] Hebrew University of Jerusalem; [2] University of Oxford

Temporal and Spatial Cognition

37	Neural signature for accumulated evidence underlying temporal decisions *Nir Ofir and Ayelet N. Landau* Hebrew University of Jerusalem
38	Surprise! Influence of Reward Prediction Error on Time Perception *Noam Tzionit, Galina Berestetsky, Nir Ofir, Meir Horovitz, and Ayelet N. Landau* The Hebrew University of Jerusalem, Jerusalem, Israel
39	Unveil the rhythmic facilitation effect on daily use tools *Lorenzo Guarnieri, Yoel Gordon, and Ayelet N. Landau* Hebrew University of Jerusalem, Jerusalem, Israel
40	How the reliability of spatial cues influences wayfinding in young and older adults? *Maayan Merhav* Tel Hai College

Visual Impairments

41	Visual motion capabilities before and after sight recovery following early-onset and prolonged near blindness *Tanya Orlov and Ehud Zohary* The Edmond and Lily Safra Center for Brain Sciences & Department of Neurobiology; The Hebrew University of Jerusalem; Jerusalem, Israel
42	Social Action Understanding from Visual Cues Following Late Emergence from Blindness *Ilana Naveh, Sara Attias, Asael Y. Sklar, and Ehud Zohary* The Hebrew University of Jerusalem
43	Rhythmic Sampling in Audition in Blind and Sighted Individuals *Eva Khasis,* Akshatha Bhat,* and Ayelet N. Landau* Hebrew University of Jerusalem
44	*Loss of Action-related Function and Connectivity in The Blind Extrastriate Body Area* *Or Yizhar [1,2], Zohar Tal [3], and Amir Amedi [2,4]* *[1] Department of Cognitive and Brain Sciences, The Hebrew University of Jerusalem, Jerusalem, Israel; [2] Baruch Ivcher School of Psychology, Interdisciplinary Center Herzliya, Herzliya, Israel; [3] Faculty of Psychology and Educational Sciences, University of Coimbra, Coimbra, Portugal; [4] The Ruth and Meir Rosenthal Brain Imaging Center, Interdisciplinary Center Herzliya, Herzliya, Israel*

Working memory

45	Fast and obligatory updating of working memory representations: Updating items vs. item-context bindings *Yoav Kessler, Nitzan Zilberman, and Shalva Kvitelashvili* Ben Gurion University of the Negev
46	Encoding patterns in visual working memory *Reut Gadot and Roy Luria* Tel-Aviv University
47	Working memory as a domain-general feature of cognitive search mechanisms *Roy Gutglick [1], Ofra Amir [2], and Yuval Hart [1]* [1] Department of Psychology, The Hebrew University of Jerusalem, Jerusalem, Israel; [2] Faculty of Industrial Engineering and Management, Technion - Israel Institute of Technology, Haifa, Israel
48	The transition from updating to resetting of representations in visual working memory *Shani Friedman and Roy Luria* Tel-Aviv University
49	The effect of spaced practice and prior knowledge on working memory training and consolidation *Neta Weitzman [1] and Tali Bitan [1,2]* [1] Department of Psychology, The Institute of Information Processing and Decision Making (IIPDM) and The Integrated Brain and Behavior Research Center (IBBRC), University of Haifa; [2] Department of Language and Speech Pathology, University of Toronto

18:00 – 19:00 Keynote Lecture

Normal Blindness: Why we look but fail to see

Jeremy M. Wolfe
Harvard Medical School, Brigham & Women's Hospital

Across many different situations, we manage to miss important information that is "right in front of our eyes", from missing typos in a paper, to more consequential cases like failing to see a cyclist in an intersection or signs of cancer in an x-ray. These are instances where observers are failing to respond to stimuli that are clearly visible. The observers maybe directly fixating on those stimuli. Such errors are not typically due to pathological visual impairments. They are examples of what I will call “normal blindness". Some demonstrations of these Looked But Failed to See (LBFTS) errors are famous (e.g. inattentional blindness for gorillas). Some LBTFS errors, like missing a target in a visual search for a “T” among “L”s, seem more mundane. I will argue that these seemingly disparate LBFTS errors have a common basis. They are grounded in four key aspects of normal visual attention: capacity limits, attentional guidance, limits in processing time, and introspection failures. I will illustrate these aspects with examples from our work on the functional visual field in visual search, eye tracking by radiologists, and hybrid foraging where observers look for multiple instances of multiple types of targets. If all goes well, you will look, you will fail to see, and you will gain insight into why that happens.

20:00 – 22:00 Social evening hosted by BrainstormIL:

Talents that you must have to be a good researcher

Thursday, February 17th

9:00 – 10:20

Symposium 6: The social prophet: neuro-behavioral mechanisms of social prediction and attunement (Coordinators: Yuval Hart and Shir Atzil)

9:00 – 9:20	Growing a social brain *Shir Atzil* Department of Psychology, The Hebrew University of Jerusalem, Israel
9:20 – 9:40	Space, time & others in the brain *David Omer[1], Liora Las[2] and Nachum Ulanovsky[2]* [1] Edmond & Lily Safra center for brain sciences, The Hebrew university [2] Weizmann institute
9:40 – 10:00	Early warning signals in motion inference *Yuval Hart [1], Maryam Vaziri-Pashkam [2] and L. Mahadevan [3]* [1] Psychology Dept., Hebrew University of Jerusalem, Israel; [2] Section on Neuro-circuitry, National Institute of Mental Health, Bethesda, Maryland, United States of America; [3] Paulson School of Engineering and Applied Sciences, Harvard University, Cambridge, Massachusetts, United States of America
10:00 – 10:20	Inter-brain coupling underlies mutual predictions in social interactions *Inbar Marton-Alper and Simone Shamay-Tsoory* University of Haifa

Symposium 7: Researching Dyslexia from multiple linguistic and non-linguistic perspectives: neurobiological and neuropsychological evidence (Coordinator: Tzipi Horowitz-kraus)

9:00 – 9:20	Learning and processing of morphological regularities in adults with Developmental Dyslexia *Tali Bitan* University of Haifa
9:20 – 9:40	Reduced learning of sound categories in dyslexia is associated with a fast-decaying anchor *Merav Ahissar* The Hebrew University of Jerusalem, Israel
9:40 – 10:00	From types of dyslexia to the cognitive model of reading morphologically complex words and back *Naama Friedmann [1], Aviah Gvion [1,2,3], Reut Stark [1,2], and Max Coltheart [3]* [1] Tel Aviv University; [2] Reut Medical Center; [3] Ono Academic College; [4] Macquarie University
10:00 – 10:20	The involvement of executive functions in reading acquisition and remediation *Tzipi Horowitz-Kraus* Technion, Kennedy Krieger Institute/Johns Hopkins University Medical School

10:30 – 12:30 Poster Session 3

Auditory and musical cognition

1	Learning gains following a bimanual motor sequence learning task: a validation study *Inbar Shaul [1], Rinatia Maaravi Hesseg [2], Lihi Cohen [1], Batiah Keissar [1], and Smadar Ovadia-Caro [1,3]* [1] Department of Cognitive Sciences, University of Haifa, Haifa, Israel; [2] Sagol Department of Neurobiology & E. J. Safra Brain Research Centre for the Study of Learning Disabilities, University of Haifa; [3] The Integrated Brain and Behavior Research Center (IBBRC), University of Haifa, Haifa, Israel
2	Neural correlates of music: an fNIRS study. *Sherman Mor, Gutman Itai, and Gvirts Hila Zehava.* Ariel University
3	Serial dependence in auditory processing is dominant at the global object level but also present at the local feature level *Aviel Sulem [1], Itay Lieder [1], and Merav Ahissar [1,2]* [1] The Edmond and Lily Safra Center for Brain Sciences; [2] Department of Psychology, The Hebrew University of Jerusalem, Jerusalem, Israel 9190401
4	Wearing Face Masks Does Not Impair Voice Recognition *Shoham Hacohen Schwarzfuchs [1], Nilli Sivan [1], Vered Shakuf [1], and Daniel Algom [1,2]* [1] Achva Academic College, Israel; [2] Tel-Aviv University
5	Auditory adaptation dynamics across the sleep-wake cycle *Marta Stojanović[1], Pedro Martinez Mediano[1,2], Tristan A. Bekinschtein[1], Daniel Bor[1,2] and Anat Arzi[1,3,4,5]* [1] Department of Psychology, University of Cambridge, United Kingdom; [2] Department of Psychology, Queen Mary University of London; [3] Paris Brain Institute, France; [4] Department of Medical Neurobiology, Hebrew University of Jerusalem, Israel; [5] Department of Cognitive Sciences, Hebrew University of Jerusalem, Israel
6	Using Machine Learning to Study Implicit Statistical Learning in The Auditory Perception of Thermal Properties *Mohr Wenger*[1,2], Yonatan Sasson[2], Or Yizhar[1,2], and Amir Amedi[2,3]* [1] Department of Cognitive and Brain Sciences, The Hebrew University of Jerusalem, Jerusalem, Israel; [2]Baruch Ivcher School of Psychology, Interdisciplinary Center Herzliya, Herzliya, Israel; [3]The Ruth & Meir Rosental Brain Imaging Center, Interdisciplinary Center Herzliya, Herzliya, Israel

Cognitive control

7	The effect of delayed reward on credit assignment in individuals *Noa Shen [1] and Nitzan Shahar [1,2]* [1] School of Psychological Sciences, Tel Aviv University
8	Stimulus variability improves generalization in response inhibition training *Tamara E. Moshon [1,2,3], Noam Weinbach [1], Tali Bitan [1,2,3]* [1] Psychology Department, School of Psychological Sciences, University of Haifa; [2] Institute of Information Processing and Decision Making (IIPDM), University of Haifa; [3] Integrated Brain and Behavior Research Center (IBBRC), University of Haifa
9	Task and Information Conflicts in the Numerical Stroop Task *Ronen Hershman [1], Lisa Beckmann [2], and Avishai Henik [1]* [1] Ben-Gurion University of the Negev; [2] University of Konstanz

10	What's your type? The impact of chronotype and time of day on inhibitory control *Hadar Naftalovich, Shachar Hochman, Eldad Keha, Shulamit Eruhimovich, Dana Mayraz, and Eyal Kalanthroff* Hebrew University of Jerusalem, Israel

Developmental Disorders

11	A cross-modal investigation of statistical learning in developmental dyslexia *Kligler Nitzan and Gabay Yafit* University of Haifa
12	*Increased reliance on top-down information to compensate for reduced bottom-up usage of acoustic cues in dyslexia* *Hadeer Derawi [1, 2] Eva Reinisch [3], and Yafit Gabay [1, 2]* [1] Department of Special Education, University of Haifa, Haifa, Israel; [2] Edmond J. Safra Brain Research Center for the Study of Learning Disabilities; [3] Acoustics Research Institute, Austrian Academy of Sciences, Vienna, Austria
13	Adult individuals with ASD show a slow updatingbut adequate benefits from temporal regularities *Keren Kasten and Merav Ahissar* Hebrew University of Jerusalem
14	A Failure to Consolidate Statistical Learning in Developmental Dyslexia *Ranin Ballan [1,2], Simon J. Durrant [3], and Yafit Gabay [1,2]* [1] Department of Special Education, University of Haifa, Haifa, Israel; [2] Edmond J. Safra Brain Research Center for the Study of Learning Disabilities, University of Haifa, Haifa, Israel; [3] School of Psychological Sciences, University of Manchester
15	Higher short and long term fluent reading abilities following an executive-functions based reading intervention are moderated via executive functions improvement in children with dyslexia *Taran, N., [1] Farah, R., [1], and Horowitz-Kraus, T., [1,2]* [1]Educational Neuroimaging Group, Faculty of Education in Science and Technology, Technion – Israel Institute of Technology, Haifa, Israel; [2] Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio, USA

Face perception

16	Refinement of face representations by exposure reveals different time scales of biases in face processing *Tal Lulav-Bash[1, 2], Galia Avidan[2,3], and Bat-Sheva Hadad[1,4]* [1]Department of Special Education, Faculty of Education, University of Haifa; [2] Department of Cognitive and Brain Sciences, Ben-Gurion University of the Negev, Beer Sheva; [3]Department of Psychology, Ben-Gurion University of the Negev, Beer Sheva; [4]Edmond J. Safra Brain Research Center, University of Haifa;
17	Communication patterns and functional connectivity dynamics in the human face processing network underlying face processing abilities *Gidon Levakov [1,2], Olaf Sporns [3,4], and Galia Avidan[1,2,5]* [1] Department of Cognitive and Brain Sciences, Ben-Gurion University of the Negev, Israel; [2] Zlotowski Center for Neuroscience, Ben-Gurion University of the Negev, Israel; [3] Department of Psychological and Brain Sciences, Indiana University, USA; [4] Program in Neuroscience, Indiana University, USA; [5] Department of Psychology, Ben-Gurion University of the Negev, Israel

18	The contribution of perceptual and conceptual information to the representational topography of faces in perception and memory *Adva Shoham, Idan Grosbard, Yoav Ger, Shira Kossovsky, Tal Barnahor, and Galit Yovel* Tel Aviv University
19	Eccentricity modulates FFA's and PPA's activations to preferred and non-preferred categories in a qualitatively different manner *Olga Kreichman [1,2] and Sharon Gilaie-Dotan [1,2,3]* [1] School of Optometry and Vision Science, Faculty of Life Science, Bar Ilan University, Israel; [2] The Gonda Multidisciplinary Brain Research Center, Bar Ilan University, Israel; [3] UCL Institute of Cognitive Neuroscience, London, UK

Language

20	The Effect of Anodal Transcranial Direct Current Stimulation of the Left Inferior Frontal Gyrus on Learning and Consolidation of New Linguistic Regularities *Rabab Fadul [1,2,3] and Tali Bitan [1,2,3,4]* [1] Department of Psychology, University of Haifa, Haifa, Israel; [2] Institute of Information Processing and Decision Making, University of Haifa, Haifa, Israel; [3] The Integrated Brain and Behavior Research Center (IBBRC), University of Haifa, Haifa, Israel; [4] Department of Speech Language Pathology, University of Toronto, Toronto, ON, Canada
21	Self-reference as a tool for vocabulary learning in English as a foreign language *Shimon Pruss, Anat Prior, and Avi Karni* University of Haifa
22	The production effect among bilinguals- difficult or desirable? *Ronit Schwell [1], Michal Icht [2], Julia Reznick [2], and Yaniv Mama [1]* [1] Department of Psychology, Ariel University; [2] Department of Communication Disorders, Ariel University
23	Resting-state fMRI connectivity following initial exposure to a novel language predicts later learning of linguistic regularities *Mizrahi, O.[1,6], Nathaniel, U.[1,6], Eidelsztein, S.[2,6], Geskin, K.G.[1], Yamasaki, B.L.[3], Nir, B.[2], Dronjic, V.[4], Ovadia-Caro, S.[5,6], Booth, J.R. [3], and Bitan, T.[1,6]* [1] Department of Psychology and IIPDM, University of Haifa, Israel; [2] Department of Communication Sciences and Disorders, University of Haifa, Israel; [3] Department of Psychology and Human Development, Vanderbilt University, Nashville, TN; [4] Department of English, Northern Arizona University, Flagstaff, AZ; [5] Department of Cognitive Sciences, University of Haifa, Israel; [6] The Integrated Brain and Behavior Research Center (IBBRC), University of Haifa, Israel
24	The Relationship between Linguistic Skills and Arithmetic Performance *Stav Sanduke Kachalon and Nufar Sukenik* Bar Ilan University
25	The accountable talk Questionnaire (ATQ): Initial validation of a self-report questionnaire for evaluating argumentation within the framework of respectful discourse rules *Ayelet Koffman Talmy and Nira Mashal* Faculty of Education, Bar-Ilan University

Learning

26	Training diversity promotes absolute-value-guided choice *Levi Solomyak and Eran Eldar* Hebrew University Jerusalem
27	When learning can be disadvantageous: how learning one temporal regularity hinders adaptation to new ones *Orit Shdeour [1], Noam Tal-Perry [1], Moshe Glickman [2,3], and Shlomit Yuval-Greenberg [1,4]* [1] School of Psychological Sciences, Tel-Aviv University; [2] Department of Experimental Psychology, University College London, UK; [3] Max Planck Centre for Computational Psychiatry and Ageing Research, University College London, UK; [4] Sagol School of Neuroscience, Tel-Aviv University
28	Statistical Learning of spatial and temporal contingencies *Ro'i Belson [1], Noam Siegelman [1,2], Denise Wu [3], and Ram Frost [1,2,3,4]* [1] Department of Psychology, The Hebrew University; [2] Haskins Laboratories, New Haven, Connecticut; [3] Institute of Cognitive Neuroscience, Taiwan; [4] Basque Center on Cognition, Brain, and Language (BCBL), San Sebastian, Spain
29	Statistical learning in two dimensions: Can we learn multidimensional regularities simultaneously? *Yaara Loyfer [1] and Ram Frost [1, 2, 3]* [1] The Hebrew University of Jerusalem, Israel; [2] Haskins Laboratories, New Haven, CT, USA; [3] BCBL, Basque Center of Cognition, Brain and Language, San Sebastian, Spain
30	Predictive Eye Movements Reveal Individual Sensitivity to Regularities *Naama Schwartz[1], Noam Siegelman[2], Louisa Bogaerts[3], Amir Tal[4], and Ram Frost[1,2,5]* [1] The Hebrew University of Jerusalem;[2] Haskins Laboratories; [3] Gehnt University; [4] Columbia University; [5] The Basque Center on Brain and Language (BCBL)

Memory

31	Lack of source memory facilitates early assimilation of novel items into current knowledge *Amnon Yacoby [1,2], Niv Reggev [3], and Anat Maril [2]* [1] Reichman University; [2] Hebrew University; [3] Ben Gurion University
32	The influence of visual and motor information on the use of eye movements as retrieval cues *Keren Taub [1] and Shlomit Yuval-Greenberg [1, 2]* [1] Sagol school of neuroscience, Tel-Aviv University; [2] School of psychological sciences, Tel-Aviv University
33	Still elusive: Limitations of behavioral reconsolidation-interference in modifying memories *Dr. Michael Batashvili, Dr. Rona Feldman, Yoav Doron, and Prof. Daniel Levy* Reichman University (IDC Herzliya)
34	Is a Picture Worth a Thousand Words? Congruency Between Encoding and Testing Improves Detection of Concealed Memories *Ine Van der Cruyssen [1,2], Franziska Regnath [1], Gershon Ben-Shakhar [2], Yoni Pertzov [2], and Bruno Verschuere [1]* [1] University of Amsterdam; [2] Hebrew University of Jerusalem
35	Identifying "Prospective" Memories from Fast Event fMRI Data Using Advanced Machine Learning *Ayman Yousef [2] and Larry Manevitz [1,2]* [1] Ariel University; [2] University of Haifa
36	Neural substrate of memory for object and person identity, location, and action as revealed by voxel-based lesion-behavior mapping *Shir Ben-Zvi Feldman [1,2], Nachum Soroker [1,3], and Daniel A. Levy [2]*

	[1] Sackler Faculty of Medicine, Tel-Aviv University; [2] Baruch Ivcher School of Psychology, Reichman University (IDC Herzliya); [3] Department of Neurological Rehabilitation, Loewenstein Rehabilitation Medical Center

Numerical cognition

37	Size Congruity Effects in Multi-Digit Number Processing *Nadav Neumann [1] , Joseph Tzelgov [2,3,4], and Michal Pinhas [1]* [1] Department of Behavioral Sciences, Ariel University; [2] Department of Psychology, Achva Academic College, Arugot; [3] Department of Cognitive and Brain Sciences, Ben-Gurion University of the Negev; [4] Department of Psychology, and Zlotowski Center for Neuroscience, Ben-Gurion University of the Negev
38	Ability or availability: Exponential growth estimations during COVID-19 *Ami Feder [1], Maayan Katzir [2], Eliran Halali [2], and Michal Pinhas [2]* [1] Ariel University; [2] Bar Ilan University
39	Multiple Skills Underlie Arithmetic Performance *Sarit Ashkenazi and Anna Adi* Learning Disabilities, The Seymour Fox School of Education The Hebrew University of Jerusalem, Mount Scopus, Jerusalem
40	Sub-cortical areas process physical size but not numerical value *Tali Leibovich-Raveh* Department of Mathematics Education, University of Haifa
41	The mystery behind reading numbers: What does it take to read numbers - knowledge, cognition, or both? *Ella Shalit and Dror Dotan* Tel Aviv University
42	Cognitive Factors underlying Geometry achievements *Hissen Ghadban, Shachar Hochman, and Tali Leibovich-Raveh* Department of Mathematics Education, University of Haifa

Perception

43	Hello From the Other Side: Robust Contralateral Interference in Tactile Detection *Flor Kusnir, Slav Pesin, Gal Vishne, and Ayelet N. Landau* Departments of Psychology and Cognitive Science, Hebrew University of Jerusalem
44	A reliable paradigm for measuring object file updating *Mor Sasi, Shani Friedman, and Dominique Lamy* Tel-Aviv University
45	Effects of individual differences in perceptual rate on the subjective sense of time *Coral Sheffi, Nir Ofir, and Ayelet N. Landau* Hebrew University of Jerusalem, Jerusalem, Israel
46	A new on-line tool for measuring individual differences in the susceptibility to visual illusions of size *Yarden Mazuz, Yoav Kessler, and Tzvi Ganel* Ben-Gurion University of the Negev
47	Ensemble perception, categorization, and visual search *Shaul Hochstein, Noam Khayat, and Safa'a Abassi Abu Rukab* ELSC & Life Sciences Institute, Hebrew University, Jerusalem

48	Perceptual bias in 2D and 3D vision of closer lower visual field can be explained by statistics of naturalistic visual environments of a moving observer *Sharon Gilaie-Dotan [1,2,3] and Yoav Zilberzan [1,2]* [1] School of Optometry and Vision Science, Bar Ilan University, Ramat Gan, Israel; [2] The Gonda Multidisciplinary Brain Research Center, Bar Ilan University, Ramat Gan, Israel; [3] Institute of Cognitive Neuroscience, University College London, London, UK

Social cognition

49	Disclosure and Perception in Prolonged Interactions with Social Robots Guy Laban [1], Arvid Kappas [2], Val Morrison [3], Emily S. Cross [1,4] [1] University of Glasgow, UK; [2] Jacobs University, Germany; [3] Bangor University, UK; [4] Macquarie University, New South Wales, Australia
50	Gaze aversions act as social signals conveying the performer's cognitive state to others *Amit Zehngut [1], Dekel Abeles [1], and Shlomit Yuval-Greenberg [1,2]* [1] School of Psychological Sciences; [2] Sagol school of Neuroscience, Tel Aviv University
51	Discrepancies Between Automatic and Deliberate Evaluation of Individual Group-Members *Mayan Navon [1] and Yoav Bar-Anan [2]* [1] Department of Psychology, Ben-Gurion University of the Negev, Beer-Sheva, Israel; [2] School of Psychological Sciences, Tel Aviv University, Tel Aviv, Israel
52	The Influence of Age Stereotypes on Medical Assessments and Recommendations *Nadav Hachamov, Ella Cohn-Schwartz, and Niv Reggev* Ben-Gurion University of the Negev
53	Is Confirmation of Self-Relevant Expectations Rewarding? Aviv Mokady [1] and Niv Reggev [1,2] [1] Department of Psychology, Ben-Gurion University of the Negev, Be'er Sheva, Israel; [2] Zlotowski Center for Neuroscience, Ben-Gurion University of the Negev, Be'er Sheva, Israel
54	Brain processing of different levels of proximity in social networks *Moshe Roseman [1] and Shahar Arzy [1,2]* [1] Neuropsychiatry Lab, Faculty of Medicine, Hebrew University of Jerusalem; [2] Neuropsychiatry Unit, Department of Neurology, Hadassah Hebrew University Medical School
55	Better together? Peer presence effect on enjoyment and facial expressions during joint listening to audio clips. *Argaman Bell [1] and Yaara Yeshurun [1,2]* [1] School of Psychological Science, Tel Aviv University; [2] Sagol School of Neuroscience, Tel Aviv University.
56	To What Extent Can We Truly Change? *Nitai Kerem [1,2], Inbal Ravreby [2,3], Hadar Nakar [1], and Yaara Yeshurun [1,2]* [1] Sagol School of Neuroscience, Tel Aviv University; [2] School of Psychological Sciences, Tel Aviv University; [3] Department of Neurobiology, Weizmann Institute of Science

12:30 – 13:30 Lunch break

13:30 – 15:10

Symposium 8: Motor learning (Coordinator: Jason Friedman)

13:30 – 13:50	Deficits in explicit adaptation learning in stroke survivors and old adults are correlated with their cognitive impairments *Reut Binyamin-Netser, Noy Goldhamer, Inbar Avni and Lior Shmuelof* Ben Gurion University of the Negev; The Translational Neurorehabilitation Lab at Adi Negev Nahalat Eran, Ofakim, Israel.
13:50 – 14:10	Audiomotor integration across hands and ears *Hadar Deri [1*], Batel Buaron [1,2*], Roni Mazinter [1], Shalev Lavi [1] and Roy Mukamel [1,2]* [1] School of Psychological Sciences; [2] Sagol School of Neuroscience, Tel Aviv University, Tel-Aviv, Israel, 6997801, *equal contribution
14:10 – 14:30	Impaired inter-joint coordination in sub-acute stroke participants contribute to performance impairments and cannot be explained by pathological synergies *Inbar Avni [1,2], Ahmet Arac [3], Reut Binyamin-Netser [1,2], John W. Krakauer [4] and Lior Shmuelof [1,2]* [1] Cognitive and Brain Sciences Department, Ben Gurion University of the Negev, Beer Sheva, Israel; [2] The Translational Neurorehabilitation Lab at Adi Negev Nahalat Eran, Ofakim, Israel; [3] Department of Neurology, David Geffen School of Medicine, UCLA, Los Angeles, CA, USA; [4] Department of Neurology, Johns Hopkins University, MD, USA
14:30 – 14:50	The online and offline effects of changing movement timing variability during training on a finger-opposition task *Jason Friedman [1], Assaf Amiaz [1] and Maria Korman [2]* [1] Tel Aviv University; [2] Ariel University
14:50 – 15:10	Individualized joint error treatment for patients with stroke *Shahar Agami [1], Lili Sror [1], Shelly Levy-Tzedek [2,3], Iuly Treger [4], Michal Vered [4], Mindy F. Levin [5,6] and Sigal Berman [1]* [1] Department of Industrial Engineering and Management, Ben-Gurion University of the Negev; [2] Recanati School for Community Health Professions, Department of Physical Therapy, Faculty of Health Sciences, Ben-Gurion University of the Negev; [3] Zlotowski center, Ben-Gurion University; [4] Rehabilitation Department, Soroka University Medical Center; [5] School of Physical and Occupational Therapy, McGill University; [6] Center for Interdisciplinary Research in Rehabilitation (CRIR)

Symposium 9: From Cognitive and Emotional Mechanisms to Interventions in Mental Health (Coordinator: Mor Nahum)

13:30 – 13:50	The Role of Fear in Hierarchical Processing of Fear-Related Stimuli *Nur Givon-Benjio and Hadas Okon-Singer* School of Psychological Sciences, University of Haifa
13:50 – 14:10	The Association between Cognitive Control and Mood in Daily Life: Results from Experience Sampling Studies in Healthy and Clinical Populations *Mor Nahum, Orly Shimony-Mazar, Neta Yitzhak, Yafit Gilboa, Maayan Cohen and Adina Maeir* School of OT, Faculty of Medicine, Hebrew University, Jerusalem, Israel

14:10 – 14:30	Links between within-day event controllability, causal inferences, emotion regulation and symptoms of depression *Noa Avirbach and Nilly Mor* The Hebrew University of Jerusalem
14:30 – 14:50	Predicting Treatment Outcome in Veterans with PTSD: A Neurocognitive Approach *Sharon Naparstek* Department of Psychology Bar-Ilan University
14:50 – 15:10	Discussion *Hadas Okon-Singer* School of Psychological Sciences, University of Haifa

15:30 – 17:30 Poster Session 4

ADHD

1	Intrasubject Neural Variability and ADHD Symptomatology *Tzlil Einziger [1], Tali Devor [2], and Andrea Berger [2,3]* [1] Faculty of Social & Community Sciences, Ruppin Academic Center; [2] Department of Psychology, Ben-Gurion University of the Negev, Beer Sheva, Israel; [3] Zlotowski Center for Neuroscience
2	Horizon-depth in action-outcome sequences among individuals with and without Attention-Deficit/Hyperactivity Disorder *Gili Katabi[1] and Nitzan Shahar[1,2]* [1]School of Psychological Sciences, Tel Aviv University; [2]Sagol School of Neuroscience, Tel-Aviv University
3	ADHD and Suboptimal Decision-making: Mechanisms Associated with Preference Strength *Ortal Gabrieli-Seri, Daniel Baradon, and Yehuda Pollak* The Hebrew University of Jerusalem
4	ADHD is associated with Sub-optimal and Inconsistent Temporal Decision Making *Ortal Gabrieli-Seri, Eyal Ert, and Yehuda Pollak* The Hebrew University of Jerusalem

Attention

5	Prerequisites for expectation based perceptual disambiguation: effects of attention in biasing interpretation of meaningless images *Dana Roll, Yarden Shir, and Liad Mudrik* Department of Psychology, Tel Aviv University
6	Using attentional modulation of the pupillary light response to examine the attentional shifting and attentional spreading accounts of object-based attention *Felipe Luzardo [1], Wolfgang Einhäuser [2], and Yaffa Yeshurun [1]* [1] University of Haifa; [2] Chemnitz University of Technology
7	When effects are conflated with mechanisms: the case of net attentional capture *Aniruddha Ramgir and Dominique Lamy* Tel Aviv University

8	The spatial and temporal characteristics of the priming of location effect: Revisiting Maljkovic and Nakayama (1996) *Daniel Toledano and Dominique Lamy* Tel Aviv University
9	The Effect of Voice Familiarity on Attention to Speech in a Cocktail Party Scenario *Aviya Sharabi, Paz Har-Shai Yahav, Noa Gavriely, Adi Kilim, and Elana Zion Golumbic* The Gonda Multidisciplinary Center for Brain Research, Bar Ilan University, Ramat Gan, Israel

Consciousness

10	Unconscious Processing in Virtual Reality *Rony Hirschhorn [1], Dan Biderman [2], Natalie Biderman [2, 3], Itay Yaron [1], Rotem Bennet [4], Meir Plotnik [1, 5, 6], and Liad Mudrik [1,4]* [1] Sagol School of Neuroscience, Tel-Aviv University; [2] Mortimer B. Zuckerman Mind, Brain, Behavior Institute, Columbia University, New York, NY, USA; [3] Department of Psychology, Columbia University, New York, NY, USA; [4] School of Psychological Sciences, Tel-Aviv University; [5] Center of Advanced Technologies in Rehabilitation, Sheba Medical Center, Ramat Gan, Israel; [6] Department of Physiology and Pharmacology, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
11	Concurrent visual learning and transfer of learning *Sarah Wilts [1], Ram Frost [2], and Hilde Haider [1]* [1] University of Cologne; [2] Hebrew University of Jerusalem
12	Show some sensitivity! Using motion tracking to improve unconscious measures *Khen Heller [1], Liad Mudrik [1,2], and Craig S. Chapman [3,4]* [1] Sagol School of Neuroscience, Tel Aviv University; [2] School of Psychological Sciences, Tel Aviv University; [3] Faculty of Kinesiology, Sport, and Recreation, University of Alberta, Edmonton, AB, Canada; [4] Neuroscience and Mental Health Institute University of Alberta Edmonton, Alberta, Canada
13	Conscious perception: the role of the perceiver. *Elad Oz-Cohen [1], Avishai Henik [1,2], and Moti Salti [2,3].* [1] Department of Psychology: Ben-Gurion University of the Negev, Israel; [2] Zlotowski Center for Neuroscience, Ben-Gurion University of the Negev, Israel; [3] Brain Imaging Research Center: Ben-Gurion University of the Negev, Israel.
14	Observability and conscious access *Nadav Amir[1], Uri Maoz[2], and Liad Mudrik[1]* [1] Tel-Aviv University; [2] Chapman University
15	Perceptual completion in the absence of visual awareness *Shahar Sabary, Dina Devyatko, and Ruth Kimchi* The Institute of Information Processing and Decision Making, University of Haifa

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16	Atypical timescales of perceptual biases in face discrimination in autism reveal fast updating of unstable “typical” internal representation. *Marissa Hartston [1], Tal Lulav-Bash [1,2], Galia Avidan [2,3], and Bat Sheva Hadad [1,4]* [1] Department of Special Education, Faculty of Education, University of Haifa, Israel; [2] Department of Cognitive and Brain Sciences, Ben-Gurion University of the Negev, Beer Sheva, Israel; [3] Department of Psychology, Ben-Gurion University of the Negev, Beer Sheva, Israel; [4] Edmond J. Safra Brain Research Center, University of Haifa, Israel.

17	Acquiring and updating priors of emotions in facial expressions in ASD *Renana Twito, Bat Sheva Hadad, and Sarit Szpiro* Special Education Department, University of Haifa
18	Adults with ASD use priors to adjust criterion in a visual categorization task *Laurina Fazioli, Amit Yashar, and Bat-Sheva Hadad* Department of special education, University of Haifa, Israel
19	Audiovisual processing and selective attention in adult dyslexic readers: An event-related potential study *Shay Menashe* Faculty of Education, Edmond J. Safra Brain Research Center for the Study of Learning Disabilities, University of Haifa, Haifa, Israel
20	Joint decorrelation of EEG to isolate neural responses in controls and subjects with autism during passive listening and active auditory engagement *Nathaniel Zuk, Shahaf Granot, and Merav Ahissar* Hebrew University

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21	Shared Semantic and Neural Patterns of Trauma Narrative in PTSD *Ofer Perl[1,2,3], Or Duek[4,5], Kaustubh R. Kulkarni[1,2,3], Ben Kelmendi[4,5], Shelley Amen[4,5], Charles Gordon[4,5] , John H. Krystal[4,5], Ifat Levy[6], Ilan Harpaz-Rotem[4,5], and Daniela Schiller[1,3]* [1] Center for Computational Psychiatry, Icahn School of Medicine at Mount Sinai, New York, NY, USA; [2] Department of Psychiatry, Icahn School of Medicine at Mount Sinai, New York, NY, USA; [3] Nash Family Department of Neuroscience, Icahn School of Medicine at Mount Sinai, New York, NY; [4]Department of Psychiatry, Yale University School of Medicine, New-Haven, CT, USA; [5] The National Center for PTSD, VA CT Healthcare System, West Haven CT, USA; [6] Departments of Comparative Medicine, Neuroscience and Psychology, Yale University, New Haven, CT, USA
22	Perception of emotions in young adults with intellectual disability: Integration of speech channels *Yarden Saadon [1], Boaz Ben-David [1,2], and Vered Shakuf [3]* [1] Baruch Ivcher School of Psychology, Reichman University; [2] University of Toronto; [3] Department of Communications Disorders, Achva Academic College
23	The Link between Emotion Regulation and Size Estimation among Women with Fear of Spiders *Yahel Dror Ben-Baruch [1], Tali Raveh [2], and Noga Cohen[1,3]* [1] Department of Special Education, University of Haifa; [2] Department of Mathematics Education, University of Haifa; [3] The Edmond J. Safra Brain Research Center for the Study of Learning Disabilities, University of Haifa
24	Effects of inducing inhibitory control on uncertainty and the urge to check *Hodaya Adler and Omer Linkovski* Department of Psychology & Leslie and Susan Gonda multidisciplinary Brain Research Center, Bar-Ilan University
25	A dissociation of interpersonal distance estimation bias between autism and social anxiety disorder *Nur Givon-Benjio[1,2], Tom Marx[1,2], Noy Front[1], Gal Rabinovich[1,3], Hili Sokolover[1], Marissa Hartston[4,5], Idan Aderka[1], Bat Sheva Hadad[4,5], and Hadas Okon-Singer[1,2,3]* [1] Department of Psychology, School of Psychological Sciences, The Herta and Paul Amir Faculty of Social Sciences, University of Haifa, Haifa, Israel; [2] The Integrated Brain and Behavior Research Center (IBBR), University of Haifa, Haifa 3498838, Israel; [3] Data Science Research Center, University of Haifa, Haifa, Israel; [4] Department of Special Education, The Faculty of Education, University of

	Haifa, Haifa 3498838, Israel; [5] The Edmond J. Safra Brain Research Center for the Study of Learning Disabilities, University of Haifa, Haifa, Israel

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26	The Effect of Abstract versus Concrete Mindset *Ori Levit and Nira Liberman* School of Psychological Science, Tel Aviv University
27	Shaping the way from the unknown to the known: The role of convex hull shape in numerical comparisons *Yoel Shilat, Moti Salti, and Avishai Henik* Ben-Gurion University of the Negev
28	Cognitive resources predict value learning for outcome-irrelevant features *Ido Ben Artzi [1], Roy Luria [1,2], and Nitzan Shahar [1,2]* [1] School of Psychological Sciences, Tel Aviv University; [2] Sagol School of Neuroscience, Tel-Aviv University;

Language and development

29	Children's acquisition of novel verbs through morphological bootstrapping *Malak Abo Shkara [1], Miran Golan [1], Rana Abu Zhaya [2], and Naomi Havron [1]* [1] University of Haifa; [2] Univeristy of Plymouth
30	Double dissociation between dyslexia and dysnumeria in deaf signers of Israeli Sign Language *Neta Haluts, Doron Levy, and Naama Friedmann* Language and Brain lab, School of Education and Sagol School of Neuroscience, Tel Aviv University
31	The Future-Reading Network is Involved in Processing Narratives from Pre-Reading Age Which Later Contributes to Proficient Future Reading Abilities *Raya Meri [1], Scott K. Holland [3], Rola Farah [1], Tamara Rohana [2], Narmeen Haj [2], and Tzipi Horowitz-Kraus [1,2,4,5]* [1] Educational Neuroimaging Group, Faculty of Education in Science and Technology, Technion – Israel Institute of Technology, Haifa, Israel; [2] Faculty of Biomedical Engineering, Technion – Israel Institute of Technology, Haifa, Israel; [3] Medpace, Cincinnati, Ohio, USA; [4] Kennedy Krieger Institute, Baltimore, MD, USA; [5] Department of Psychiatry and Behavioral Sciences, Johns Hopkins University School of Medicine, Baltimore, MD, USA
32	The right to be wrong: semantic information transfer between the right and left hemispheres through the temporal parts of the corpus callosum is related to correct and erroneous word reading in children: an EEG-DTI study *Ilana Shlomov [1], Leen Ileimi [2], Rola Farah [1], and Tzipi Horowitz-Kraus [1,2,3,4]* [1] Educational Neuroimaging Group, Faculty of Education in Science and Technology, Technion; [2] Faculty of Biomedical Engineering, Technion; [3] Kennedy Krieger Institute, Baltimore, MD, USA; [4] Department of Psychiatry and Behavioral Sciences, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Methods

33	Getting 'sensitivity' right: A comparison of correction methods for binary tasks *Adva Levi, Itay Gruber, and Yonatan Goshen-Gottstein* Tel Aviv University

34	Retest Reliability of Integrated Speed–Accuracy Measures *Tamar Tamar Bakun Emesh [1], Dror Garbi [1], Alon Kaplan [1], Hila Zelicha [1], Anat Yaskolka Meir [1], Gal Tsaban [1,2], Ehud Rinott [1], and Nachshon Meiran [1]* [1] Ben-Gurion University of the Negev, Beer Sheva, Israel; [2] Soroka University Medical Center, Beer Sheva, Israel
35	How to design better GABA-edited MRS studies for individual differences research? *Tamar Kolodny [1], Michael-Paul Schallmo [1], Richard A.E. Edden [2], and Scott O. Murray [1]* [1] University of Washington; [2] Johns Hopkins University
36	Using Recurrent Neural Network to differentiate noise from underfitting *Yoav Ger [1] and Nitzan Shahar [1,2]* [1] Sagol School of Neuroscience, Tel-Aviv University; [2] School of Psychological Sciences, Tel Aviv University
37	Multivariate single trial decoding of M\EEG data in natural viewing conditions: data and simulations *Carmel R. Auerbach-Asch, Gal Vishne, and Leon Deouell* Hebrew University of Jerusalem
38	PONT: A Protocol for Online Neuropsychological Testing *William Saban and Richard B. Ivry* Department of Psychology and Helen Wills Neuroscience Institute, University of California, Berkeley, California 94720.

Motivation, creativity and curiosity

39	Considering Motivational Conflicts in Affective Context *Maya Enisman and Tali Kleiman* The Hebrew University of Jerusalem
40	Effects of emotion and motivation on MEG inter-subject correlations induced by stories *Yael Caspi, Barak Atia, and Abraham Goldstein* Department of Psychology & Gonda Brain Research Center, Bar-Ilan University
41	Predicting Openness to Experience via a Multiplex Cognitive Network Approach *Gal Samuel [1], Massimo Stella [2], Roger E. Beaty [3], & Yoed N. Kenett [1]* [1] Faculty of Industrial Engineering and Management, Technion – Israel Institute of Technology, Haifa, Israel; [2] Department of Computer Science, University of Exeter, UK; [3] Department of Psychology, Pennsylvania State University, University Park, PA, USA
42	Investigating the cores of curiosity: A graph theory analysis *Adi Ezer, Anat Rafaeli, and Yoed N. Kenett* Technion – Israel Institute of Technology

Vision, Imagery and Embodied Cognition

43	Processing Speed: General Trait or Domain Specific? Mental Rotation as a case study *Mattan S. Ben Shachar and Andrea Berger* Department of Psychology, Ben-Gurion University of the Negev, Faculty of Humanities and Social Sciences and Zlotowski Center for Neuroscience, Beer Sheva, Israel
44	Inner Speech in Motion: The Embodied Representation of Speech Prosody in Facial Muscle Activity During Speech Perception and Covert Speech *Yael Goldstein Marcusohn [1], Hamutal Kreiner [2], and Zohar Eviatar [1]* [1] University of Haifa; [2] Ruppin Academic Center
45	Contrast affects image memory during naturalistic encoding

	Limor Brook [1,2] and Sharon Gilaie-Dotan [1,2,3] [1] School of Optometry and Vision Science, Faculty of Life Science, Bar Ilan University, Ramat Gan, Israel; [2] The Gonda Multidisciplinary Brain Research Center, Bar Ilan University, Ramat Gan, Israel; [3] UCL Institute of Cognitive Neuroscience, London, UK
46	Larger images are better remembered during naturalistic encoding even when they do not convey more details *Shaimaa Masarwa[1,2], Olga Kreichman[1,2], and Sharon Gilaie-Dotan[1,2,3]* School of Optometry and Vision Science, Faculty of Life Sciences, Bar Ilan University[1]; The Gonda Multidisciplinary Brain Research Center, Bar Ilan University [2]; UCL Institute of Cognitive Neuroscience, London, UK.[3]
47	Workload modeling in multi-modal distributions scenarios: Theoretical comparison among methods *Ron M. Hecht, Ke Liu, Omer Tsimhoni, Ariel Telpaz, Yael Shmueli Friedland, and Gershon Celniker* General Motors – Research & Development
48	Rhythmic sampling among eye channels *Daniele Re and Ayelet N. Landau* Hebrew University of Jerusalem