



## Zelman Center Annual Retreat 2023

| Wednesday, February 1 |  |  |
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| <b>08:15</b>          | Bus leaves BGU parking near building 74 to Yeruham<br>Contact person: Dalit Mertyk 054-7919336, <a href="mailto:dalitm@bgu.ac.il">dalitm@bgu.ac.il</a><br><b>Please arrive on time, we can't wait for latecomers</b> |  |
| <b>09:00-09:30</b>    | Arrival at MindCET center, Yeruham (in front the Desert Iris Hotel)<br>Luggage storage & Refreshments  |  |
| <b>09:30-09:45</b>    | Opening remarks by Prof. Ohad Ben-Shahar & Prof. Ronen Segev   |  |
| <b>09:45-11:20</b>    | Session 1<br>(chairperson: Prof. Maoz Shamir)  | <b>Prof. Ilana Nisky</b> (30 min) "Sensorimotor adaptation and skill acquisition in surgical robotics"<br><b>Ori Hendler</b> (20 min) " Can winner-take-all underlie pop-out search?"<br><b>Oron Kotler</b> (20 min) " High frequency voltage oscillations enhance neuronal excitability by modulating available Na <sup>+</sup> channels"<br><b>Shachar Givon</b> (20 min) "The Neural Substrate of Navigation in Goldfish" |
| <b>11:20-11:40</b>    | Coffee break   |  |
| <b>11:40-12:55</b>    | Session 2<br>(chairperson: Ori Hendler)  | <b>Prof. Yifat Miller</b> (30 min) "Neuropeptides: Roles, aspects and activities in amyloid aggregation"<br><b>Milos Bogdanovic</b> (20 min) "ZIP1 and ZIP3, so close yet so far"<br><b>Asaf Harel</b> (20 min) "Harmonics Markers of Temporal Search"   |
| <b>12:55-14:00</b>    | Lunch  |  |
| <b>14:00-15:25</b>    | Session 3<br>(chairperson: Dr. Jennifer Resnik)  | <b>Prof. Oren Shriki</b> (30 min) "Critical Brain Dynamics and its Applications"<br><b>Prof. Opher Donchin</b> (30 min) "Consciousness from the perspective of motor control"<br><b>Lear Cohen</b> (20 min) "Sensing hydrostatic pressure cues for spatial cognition in goldfish"  |
| <b>15:25-15:45</b>    | Coffee break   |  |
| <b>15:45-17:15</b>    | Poster session   |  |
| <b>17:15-17:30</b>    | Coffee & Receiving room keys   |  |
| <b>17:30-18:25</b>    | Session 4<br>(chairperson: Saleh Natour)   | <b>Prof. Galila Agam</b> (30 min) "A Novel Cell and Animal Model of Bipolar Disorders – Potential Treatment With Autophagy Enhancers/ROS Scavengers"<br><b>Yasmin Abergel Zaushnizer</b> (20 min) " Cortico cortical paired associative stimulation inter-pulse interval effect on frontal power and emotion related behaviors"  |
| <b>18:25</b>          | Taking luggage and walking to the hotel for dinner   |  |
| <b>20:00</b>          | Evening activity in the Conference Hall at the hotel   |  |



## Thursday, February 2

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| <b>07:00-09:00</b> | Breakfast<br>Clearing the rooms and returning keys at the hotel reception<br>Luggage storage at MindCET center  |
| <b>09:00-10:05</b> | Session 5<br>(chairperson: Prof. Fred Libersat)<br><b>Prof. Oren Sriki &amp; Or Rabani</b> (10 min) Neurotechnology Hub<br><b>Prof. David Golomb</b> (30 min) "Mechanics of object contact of vibrissa embedded in the motor plant"<br><b>Caro Gaizer</b> (20 min) "Population wide cerebellar imaging and motor learning"  |
| <b>10:05-10:25</b> | Coffee break  |
| <b>10:25-11:35</b> | Session 6<br>(chairperson: Prof. Ronen Segev)<br><b>Dr. Dani Gitler</b> (30 min) "The attenuation of synaptic transmission by alpha-synuclein depends on the synapsins through their E domain"<br><b>Daniel Falik</b> (20 min) "Uncovering the mechanisms underlying CCHS using iPSCs"<br><b>Ghattas Bisharat</b> (20 min) "How stressful states shape auditory processing and perception " |
| <b>11:35-11:50</b> | Closing remarks and announcing the winning poster   |
| <b>11:50</b>       | Picking lunch box, taking luggage to the bus and go out for hiking  |
| <b>15:45</b>       | Bus leaves Yeruham to BGU Campus Beer-Sheva   |