



Research Workshop of the Israel Science Foundation

ISF workshop- Ein Gedi- June 12-14 2011

BGU June 15 2011

The Seventh Annual workshop at BGU June 16 2011

Organizing Committee

Amir Karniel
Ben Gurion University

Opher Donchin
Ben Gurion University

Scientific Committee

Amir Karniel
Ben Gurion University

Opher Donchin
Ben Gurion University

Sandro Mussa-Ivaldi
Northwestern University

Gerald Loeb
University Southern California

John Rothwell
University College London

Best poster Award Committee

Opher Donchin
Ben Gurion University

Ronen Segev
Ben-Gurion University

Miriam Zacksenhouse
Technion

Tamar Flash
Weizmann Institute

Invitation Letter and Call for Posters

Dear Colleagues,

In what has now become a tradition, we wish to invite you to participate in the Seventh annual **Ben-Gurion University Workshop on Computational Motor Control** on **June 16, 2011**, in the W. A. Minkoff Senate Hall at Ben-Gurion University of the Negev, Beer-Sheva, Israel.

This year we will host a workshop sponsored by the Israeli Science Foundation (ISF) in Ein Gedi and BGU June 12-15 that will precede our usual one day workshop. Poster presenters are invited to post their posters at both.

The following information is also available on our website: <http://www.bgu.ac.il/cmchw>

Registration to both events: <https://www.eventact.com/ortra/cmchw11r/>

Thank you for your attention,

Opher Donchin and Amir Karniel

donchin@bgu.ac.il; akarniel@bgu.ac.il

Overview: The nervous system analyses sensory information and orchestrates motor commands. In so doing, it faces challenges that it shares with many artificially engineered systems. In the spirit of the classic field of cybernetics, the field of computational motor control makes scientific and technological progress simultaneously by exploring the differences between artificial control theory and biological motor control.

Computational motor control is a multidisciplinary research program in which mathematics, engineering, biology, medicine and the cognitive neurosciences all play important roles. This workshop will bring together world leaders in the field of computational motor control including Israeli researchers and distinguished guests. The goal will be to learn about the current state of the field and to identify the directions that will provide the medical and scientific breakthroughs of the next decades.

The ISF workshop will include longer presentations and panel discussions while the one-day workshop will consist of many short talks.

Call for Posters: The posters will be available on Wednesday afternoon at the closing session of the ISF workshop and throughout Thursday near the lecture hall to facilitate fruitful discussions. Please submit a one-page abstract of up to 400 words by May 1 through the website or by email to cmchw@bgu.ac.il with the subject heading "CMCW registration form". An email should clearly contain your name and affiliation. Notification of acceptance and abstract books will be mailed out on May 20. In addition, all accepted abstracts will appear on our website prior to the conference. Poster's should have a maximum width of 90 cm and a maximum height of 120 cm.



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Best Poster Award: The award committee will choose the best poster(s) which will be announced at the end of the day. The Best Poster Award Committee: Opher Donchin, Ben-Gurion University; Ronen Segev, Ben-Gurion University; Miriam Zacksenhouse, Technion, Tamar Flash, Weizmann Institute.

Sponsored by: Sensegraphics, Alpha Omega, and NaN Instruments.

To be considered for the best poster award, authors must submit a file with their poster to the Best Poster Award Committee by June 4, 2011. The poster can be submitted in PDF, TIFF, or Power Point formats by email to cmcw@bgu.ac.il. Please use the subject heading "CMCW best poster submission" and include in the text of the message the name of the main author.

Dinners: We will have a festive dinner on the evening of June 15, before the workshop at Achuzat Samilanski. Speakers and chairmen will be guests of the workshop at the welcome dinner. We will also have a dinner in the evening following the workshop at Avaz Hazahav (Middle Eastern restaurant). Cost will be 150 NIS per person to be paid at the restaurant.

Tours:

On Sunday June, 12 Tour to Matzada, Ein Bokek and the Dead Sea

Cost per-person will be 150 NIS (approx. \$40), registration and payment (cash only) to the trip will be done at the workshop registration desk

On Tuesday June, 14 Full Moon Havarim Stream Hike trip to the Negev

Cost per-person will be 150 NIS (approx. \$40), and registration and payment (cash only) to the trip will be done during the morning of June 14 at the workshop registration desk.

Registration: Please register before May 20. Registration is mandatory but free. Space may be limited, so please register early.

Please register at: <https://www.eventact.com/ortra/cmcw11r/>.

Please indicate in your registration whether you are interested in participating in the welcome dinner, the discussion dinner or the desert hike.

Sponsors:

- The Israel Science Foundation
- The President, Ben-Gurion University
- The Rector, Ben-Gurion University
- The Zlotowski Center for Neuroscience, BGU
- The Dean of the Faculty of Health Sciences, BGU
- The Dean of the Faculty of Engineering, BGU