האקדמיה הלאומית הישראלית למדעים
THE ISRAEL ACADEMY OF SCIENCES AND HUMANITIES

The Humanities and Social Sciences Fund Conference:

Creative
Collaborations #2
Art, Design & HRI

Conference Schedule May 11-12, 2022
Ben-Gurion University of the Negev

Day 1, May 11th
W. A. Minkoff Senatve Hall, Building 71a

15:00-16:00	**Posters and Demo**

16:00-17:30
PANEL 1
Design
and Motion

Opening Remarks
Chair: Nea Ehrlich
Arts, Ben-Gurion University of the Negev

Bio-inspired Based Robotic Design
David Zarouk
Mechanical Engineering, Ben-Gurion University of the Negev

(E)motion in Human-Robot Interaction
Jessica Cauchard
Industrial Engineering & Management, Ben-Gurion University of the Negev

Smart Plants and Growing Robot
Yasmine Meroz
School of Plant Sciences and Food Security, Tel Aviv University

17:30-18:30
KEYNOTE
LECTURE
#1

The Six Waves of AI:
From Creative to Sentient Machines
Hod Lipson
James and Sally Scapa Prof. of Innovation, Mechanical Engineering Dept.
and Data Science Inst., Columbia University

registration:
https://bit.ly/3MIh5dl

For more information
please email:
ruthyuro@post.bgu.ac.il

The conference is a collaborative project between the Department of the Arts (Nea Ehrlich),
the Department of Industrial Engineering and Management (Tal Oron Gilad, Yael Edan)
at Ben-Gurion University of the Negev, and the Graduate Program in Industrial Design
(Romi Mikulinsky) at the Bezalel Academy for Arts and Design, Jerusalem.

Industrial Engineering
and Management
Human Factors Engineering
(Ergonomics)

Industrial Engineering
and Management
Intelligent Systems

abc
agricultural biological & cognitive robotics

אקדמיה Academy of Arts
and Design أكاديمية للفنون والتصميم
לאמנות ועיצוב Jerusalem يروشلايم القدس
בצלאל
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DAY 2, May 12th
NIBN Building #41, Auditorium

9:30-10:00	**Gathering**
10:00-10:15	**Welcome**
10:15-11:15 *KEYNOTE LECTURE #2*	**Bodies Dancing in Unison:** **The Illusion of Imitation and Relaxed Notational Abstractions that Capture It** Amy LaViers The Robotics, Automation, and Dance (RAD) Lab, PA
11:15-11:45	**Break**
11:45-13:15 *PANEL 2 Intuitive Design*	Chair: Yael Edan Industrial Engineering & Management, Ben-Gurion University of the Negev **Designing for Acceptance: Applying Mass Customization** **to the Design of Socially Assistive Robots** Ela Pincu and Tal Oron Gilad Industrial Engineering & Management, Ben-Gurion University of the Negev **Implicit Communication in Social Navigation** Reuth Mirsky Computer Science, Bar Ilan University **Where are the Robots?** Yossi Wolf Robotemi **All the World's a Stage: Machines as Performers & HRI** **Artist Presentation:** Louis-Phillip Demers Nanyang Technological University (NTU)
13:15-14:45	**break (Indepndent Lunch)**
14:45-16:15 *PANEL 3 Experience*	Chair: Tal Oron Gilad Industrial Engineering & Management, Ben-Gurion University of the Negev **Animation: Between Imagery and Artificial Life** Nea Ehrlich Arts, Ben-Gurion University of the Negev **Unbeatable Bots: A Very Short History of Robots in Poker** Boaz Lavie Master of Design Program in Industrial Design, Bezalel Academy of Arts and Design Jerusalem **Building Trust in Future Interaction with Autonomous Vehicles** Romi Mikulinsky Master of Design Program in Industrial Design, Bezalel Academy of Arts and Design Jerusalem **Robots, Gardens, and the Future of Farming** **Artist Presentation:** Ken Goldberg William S. Floyd Jr. Distinguished Chair in Engineering, Industrial Engineering and Operations Research, UC Berkeley
16:15-17:15 *KEYNOTE LECTURE #3*	**Robots as Surrogate to Biological Functions** Oron Catts SymbioticA, the Centre of Excellence in Biological Arts, School of Human Sciences, The University of Western Australia
17:15-17:30	**Closing Remarks** Romi Mikulinsky Master of Design Program in Industrial Design, Bezalel Academy of Arts and Design

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