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 I, May IIth 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

The Six Waves of Al:

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/3MIh5dI

For more information please email:

ruthyuro@post.bgu.ac.il

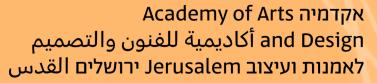
The conference is a collaborative project between the Department of the Arts (Nea Ehrlich), the Department of Industrial Engineering and Management (Tal Oron Gilad, Yael Edan) at Ben-Gurion University of the Negev, and the Graduate Program in Industrial Design (Romi Mikulinsky) at the Bezalel Academy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

The conference has been generously funded by The Israeli Academy of Sciences and Humanities, ABC Robotics and Bezalel Academy















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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

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

#2

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

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

The conference

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