ALROV CENTER FOR DIGITAL MEDICINE
2025 SYMPOSIUM
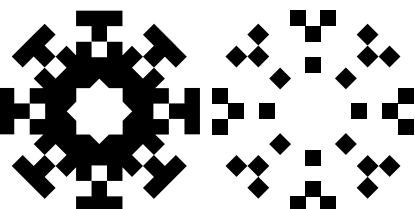
Thursday, March 27, 2025
14:00-16:30

The Steinhardt Museum of Natural History, 12 Klausner St, Tel Aviv
Tel Aviv University

PROGRAM

13:45-14:00 Gathering and coffee

14:00-14:20 Opening and greetings
- › **Prof. Ariel Porat**, President, Tel Aviv University (TAU)
- › **Prof. David Zeltser**, Deputy Director General for R&D and Innovation, Tel Aviv Sourasky Medical Center (TASMC)
- › **Mr. Alfred Akirov**
- › **Prof. Elhanan Borenstei**n, Head, Alrov Center for Digital Medicine (TAU)

14:20-14:45 **Keynote Speaker**
Prof. Ron Shamir, Blavatnik School of Computer Science and AI (TAU)
"Bioinformatics and machine learning for EMR and omics analysis: Case studies in cancer and COVID-19"

Flash talks by center awardees (10-minute each, including Q&A)
Flagship Track

14:45-14:55 **Prof. Yuval Nir** (TAU) and **Prof. Riva Tauman** (TASMC)
"Machine learning-based detection of deep brain activity during sleep"

14:55-15:05 **Prof. Hila May** (TAU) and **Dr. Amit Benady** (TASMC)
"Predicting hip fractures from proximal femoral shape: Developing a new diagnostic tool"
Proof-of-Concept Track

15:05-15:15 **Prof. Yael Hanein** (TAU) and **Prof. Anat Mirelman** (TASMC)
"Home-based testing and automated detection of REM sleep behavior disorder (RBD)"

15:15-15:25 **Dr. Shir Azrielant** (TASMC) and **Prof. Irit Gat-Viks** (TAU)
"Comprehensive histological atlas of inflammatory skin diseases"

15:25-15:35 **Prof. Amir Sonnenblick** (TASMC) and **Prof. Roded Sharan** (TAU)
"Bootstrapping gene panel sequencing data for predicting response to therapy"

15:35-15:55 **Keynote Speaker**
Ms. Liat Nadai Arad, Chief Transformation Officer Head, I-Medata, AI Center (TASMC)
"The truth about digital transformation in public healthcare"

15:55-16:00 **Prof. Elhanan Borenstein**
Summary and announcement of the Alrov Center for Digital Medicine 2025 Call for Grants

16:00 Refreshments and mingling

ALROV CENTER for DIGITAL MEDICINE
TEL AVIV UNIVERSITY & TEL AVIV SOURASKY MEDICAL CENTER (ICHILOV)