# Rothschild Prize 2024

Invitation to participate in a mini-symposium honouring

## Prof. Michael Elad

including an opportunity to present your work
and win an Excellence Award

The '*Mathematics of Imaging Data and Machine Learning*' symposium celebrates the achievements of <u>Michael (Miki) Elad</u> (Technion), one of the recipients of the <u>2024 Rothschild Prize</u>.

## DESCRIPTION

Machine learning and inverse problems are pivotal in numerous applications, catalysing major advancements in medical tomography, self-driving cars, disease diagnostics, and more. Recent progress in machine learning, image restoration, and generative models presents new opportunities for tackling real-world challenges.

This symposium gathers a diverse group of experts who are advancing the fields of machine learning and imaging science. The gathering is designed to spark discussions on the impact of Michael Elad's research and to introduce young scholars to high levels of scientific achievement in Israel and beyond.

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| **Date:** | Thursday, 19 September, 2024 |
| **Time:** | 09:00 – 17:00 |
| **Location:** | The Rothschild Prize Symposium, National Library of Israel, Jerusalem |

**Conference website >>**

## INVITED SPEAKERS*

- Prof. Michael Lustig (UC Berkeley)
- Prof. Jeremias Sulam (Johns Hopkins University)
- Prof. Vardan Papyan (University of Toronto)
- Prof. Yehuda Dar (Ben-Gurion University)
- Prof. Raja Giryes (Tel Aviv University)
- Prof. Ron Kimmel (Technion)
- Prof. Doron Shaked (GE Healthcare)
- Prof. Ehud Rivlin (Technion)
- Prof. Alfred Bruckstein (Technion)
- Prof. Yaniv  Romano (Technion)

## CALL FOR POSTERS

We invite graduate students to present their recent achievements on broad topics in machine learning, generative models, and inverse problems. **Three outstanding posters will receive an Excellence Award of 5,000 NIS each.**

**Are you a graduate student at an Israeli institution and interested in presenting a poster during the conference?**

Please fill out this <u>online form</u>.

- The deadline for poster submission is 1 August, 2024.
- <u>Notification of acceptance:</u> 15 August, 2024.
- The poster's physical dimensions should be 160 cm width and 85 cm height.
- Please ensure you bring the printed poster with you to the conference.
- Need any clarification? Please contact Yaniv Romano at yromano@technion.ac.il

**REGISTRATION – SYMPOSIUM**

* Speaker list subject to change.