



האגודה הישראלית למיקרוסקופיה
THE ISRAEL SOCIETY FOR MICROSCOPY



האוניברסיטה העברית בירושלים
THE HEBREW UNIVERSITY OF JERUSALEM

ISM2023

The 56th Annual Meeting of the Israel Society for Microscopy

May 23rd, 2023 | Binyanei Hauma - ICC, Jerusalem



ברוכים הבאים לכנס השנתי ה-56 של האגודה הישראלית למיקרוסקופיה

WELCOME TO THE 56TH ANNUAL MEETING OF THE ISRAEL SOCIETY FOR MICROSCOPY



The 56th Annual Meeting of The Israel Society for Microscopy
Binyanei Hauma ICC, Jerusalem, May 23rd, 2023



Yesterday - The ISM2023 Pre-conference Tutorial Workshop on *"Image Processing in Microscopy"*



Organizers:

Inna Popov - The Hebrew University of Jerusalem

Einat Zelinger - The Hebrew University of Jerusalem



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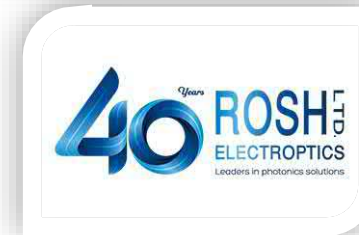


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Ise Katz Institute for Nanoscale
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Ben-Gurion University of the Negev

The Irving and Cherna Moskowitz
Center for Nano and Bio-Nano Imaging,
Weizmann Institute of Science

Tel Aviv University Center
for Nanoscience and
Nanotechnology

The Iby and Aladar Fleischman
Faculty of Engineering
Tel Aviv University

BINA
Bar-Ilan Institute of Nanotechnology
& Advanced Materials

הפקולטה למדעי החיים
ע"ש גודמן
The Goodman
Faculty of Life Sciences
אוניברסיטת בר-אילן
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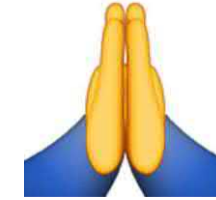
The Russell Berrie Nanotechnology
Institute (RBNI), Technion



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Organizing Committees



ORGANIZING COMMITTEE

Yaron Kauffmann, Technion
Zahava Barkay, TAU
Alexander Upcher, BGU
Amit Kohn, TAU
Assaf Gal, WIS
Ifat Kaplan-Ashiri, WIS
Lothar Houben, WIS
Tamar Segal-Peretz, Technion
Tom Schultheiss, Technion

Yuval Garini, Technion
Yaron Shav-Tal, BIU
Doron Naveh, BIU
Yossi Tal-Yosef, BIU
Leah Gheber, BGU
Gabriel Frank, BGU
Natalie Elia, BGU
Inna Popov, HUJI
Einat Zelinger

SCIENTIFIC COMMITTEES

Tom Schultheiss, Technion
Leah Gheber, BGU
Ori Avinoam, WIS
Ronen Zeidel-Bar, TAU

Amit Kohn, TAU
Tamar Segal-Peretz, Technion
Doron Naveh, BIU
Assaf Gal, WIS
Mahdi Halabi, Intel

THE MARGULIS PRIZE SCIENTIFIC COMMITTEE

THE MUTSAFI PRIZE SCIENTIFIC COMMITTEE

MEETING SECRETARIAT

Orit Gilad Tsipi Laxer
Magali Mizrahi Motti Levi



Diesenhau Unitours
Incoming Tourism Ltd.



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Educational Activity

“Seeing The Big Picture” “רואים בגדול”

Dr. Mahdi Halabi, Avi Auslender, Adham Basha & Or Haimson

<http://www.ismicroscopy.org.il/ism-educational-activities/>

Activity During Last Year:

- 📍 Yarka - Al-Nahda school (⇒ Technion)
- 📍 Binyamina - Eshkolot school (⇒ Technion)
- 📍 Lod - Eshkol school (⇒ Tel-Aviv University)



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The Virtual International Microscopy Lecture Series

<http://www.ismicroscopy.org.il/imls/>



The ISM scientific committee:

Ifat Kaplan-Ashiri (WIS) / Lothar Houben (WIS) / Tali Dadosh (WIS) / Natalie Elia (BGU)





The 56th Annual Meeting of The Israel Society for Microscopy
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ISM1978

The 12th annual meeting of the Israel Society for Microscopy

ISM1977

The 11th annual meeting of the Israel Society for Microscopy

The ISM History Timeline

<http://www.ismicroscopy.org.il/history/>

September 15-20, 1976

EM76

The 6th European Congress on Electron Microscopy

 Binyanei Hauma Convention Center, Jerusalem.



 Martin Kessel Recollections of EUREM76 

 SELECTED NOTES 

ISM1976

The 10th annual meeting of the Israel Society for Microscopy



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the 10th ILANIT/FISEB Conference, 2023



20-23 February 2023, Eilat

“Multiscale And Multimodal Microscopy Methods In Biology”

Organizers: Gabriel Frank (BGU) & Natalie Elia (BGU)

Session chairs: Natalie Elia (BGU) & Michael Elbaum (WIS)



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IMC20 – The 20th International Microscopy Congress



IMC20
The 20th International
Microscopy Congress
10-15 Sep. 2023 | Busan, Korea

10-15 September 2023, BEXCO, Busan, Korea

Abstract Submission Deadline: **31 May 2023**

Early-Bird Registration: **30 June 2023**



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The Israel Research Core Facilities (IRCF)

a national initiative that brings together all the core facilities centers in Israel.

<https://www.israel-cores.org/>

- Established in **2022** as a national **Knowledge Center**.
- Funded by the Ministry of Science and Technology

IRCF In Numbers

345	86	973
Experts	Core Facilities	Scientific Services

Scientific Services Quick Search

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Technology	
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To join IRCF



IRCF Manager: Dr. Tsiona Elkayam-Cohen



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The 2023 Prizes Recipients

The Lev Margulis Memorial
Prize for Materials Science

Avi Auslender / Tel-Aviv University

*“The Mean Inner Potential Of Hematite
 $\alpha\text{-Fe}_2\text{O}_3$ Across The Morin Transition”*



The Yael Mutsafi Memorial
Prize for Life Sciences

Jenny Capua Shenkar / Weizmann Institute of Science

*“Examining Atherosclerotic Lesions In Three
Dimensions at The Nanometer Scale With
Cathodoluminescence, Cryo-SEM and Cryo-FIB/SEM”*





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THE INTERNATIONAL ISM ART EXHIBITION / 2023

“Microscopy Meets Surrealism”

Eran Litvin / ICC curator

Zahava Barkay / Head of ISM art exhibition committee



ISM art exhibition committee: Einat Zelinger,
Ifat Kaplan-Ashiri, Yafit Pleger, Yaron Kauffmann