



Electron Tomography Virtual Workshop

23-26 NOVEMBER, 2020



PROGRAM

Monday, Nov 23

10:00 – 10:45

Introduction & Motivation:
Electron Tomography &
Cryo-Tomography

Michael Elbaum

10:45 – 11:00

Q&A

11:00 – 11:45

Basics of Image
Formation in
Transmission EM

Michael Elbaum

11:45 – 12:00

Q&A

Tuesday, Nov 24

10:00 – 10:45

Tomography Data
Acquisition: tilts,
resolution, damage,
detectors & cameras,
software options

Sharon Wolf

10:45 – 11:00

Q&A

11:00 – 11:45

Sample Preparation:
vitrification, high
pressure freezing vs
chemical fixation, freeze
substitution, plunging,
cryo-microtomy

Eyal Shimoni

11:45 – 12:00

Q&A

Wednesday, Nov 25

10:00 – 10:45

Tomographic Image
Processing and
Interpretation

Nadav Elad

10:45 – 11:00

Q&A

11:00 – 11:45

Light Microscopy:
super-resolution and
CLEM

Tali Dadosh

11:45 – 12:00

Q&A

Thursday, Nov 26

10:00 – 10:45

Focused Ion Beam
– Scanning Electron
Microscopy: lamella
preparation & serial
surface imaging

Katya Rechav

10:45 – 11:00

Q&A

11:00 – 11:45

Project Presentations by
Weizmann Institute
students & postdocs

11:45 – 12:00

Wrapping up

ORGANIZING COMMITTEE

Michael Elbaum
Sharon Wolf
Tali Dadosh
Katya Rechav
Eyal Shimoni
Nadav Elad

Weizmann Institute of Science

CONFERENCE COORDINATOR & ACCESSIBILITY ISSUES

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REGISTER VIA ZOOM



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