



The French Associates Institute for
**Agriculture and Biotechnology
of Drylands**

The 33rd Prof. Michael Evenari symposium

From Theory to Practice

Honoring Prof. Moshe Sagi (Gizi)
on his retirement

May 24, 2023

George Evans Family Auditorium

The Evenari Symposium is an annual gathering of plant and agriculture scientists and those who would like to learn more about these subjects. It is held in honor of the late Prof. Michael Even-Ari at Ben-Gurion University's Sede Boqer Campus. This year's topic highlights the research collaborations between Israel's academic institutions and its R&D Centers in the desert. The symposium is held in collaboration with the DesertTech National Knowledge Center.

9:20-10:10

Greetings and Keynote Address

Convener: Naftali Lazarovitch

9:20

Naftali Lazarovitch, Director, The French Associates Institute for Agriculture and Biotechnology of Drylands, Ben-Gurion University of the Negev

9:30

Noam Weisbrod, Director, The Jacob Blaustein Institutes for Desert Research, Ben-Gurion University of the Negev

9:40

Israel's regional R&D activity: Bridging between research and farming needs.
Sigal Brown Miyara

10:10-11:10

Session 1

Convener: Shimon Rachmilevitch

10:10

How do plants assemble the rhizosphere biome? The role of nucleosides
Yaron Sitrit

10:30

Water stress as a tool for manipulating flowering time and fruit set in pomelo
Michal Augmon Adler

10:50

Can wine grapevine genetic diversity withstand climate change?
Aaron Fait

11:10

Coffee Break

11:40-13:00

Session 2

Convener: Jhonathan Ephrath

11:40

Optimizing irrigation and fertilization using lysimeters
Moran Segoli

12:00

Cacti as crops in drylands
Noemi Tel-Zur

12:20

The smell of danger: Terpenoids from herbivore-induced tomato leaf volatiles repel spider mites and attract their predators
Vered Tzin

12:40

Invasion of Prosopis trees reduces soil nitrogen and carbon cycle rates at the Dead Sea's shores
Ilya Gelfand

13:00

Lunch Break and Posters

14:30-16:30

Session 3

Convener: Simon Barak

14:30

Integrating electrical resistivity tomography and sap flow measurements within agro-ecosystem models to improve the irrigation efficiency of date palm
Naftali Lazarovitch

14:50

Nutrition/biomass trade-off in the timing of sequential harvests in Sarcocornia ecotypes exposed to N and salinity treatments
Tesfaye Asmare Sisay

15:10

Microbial resources for the benefit of fish health in aquaculture
Dina Zilberg

15:30

The future is here: The agro-voltaic challenge
Amnon Bustan

15:50

Panel

Aylon Gadiel, Oren Bar-Lavan, Yuval Kaye, and Lior Katri



Registration link



BGU
Ben-Gurion University
of the Negev



BIDR
The Jacob Blaustein
Institutes for
Desert Research



**The Jacob Blaustein Center
for Scientific Cooperation**
The Jacob Blaustein Institutes for Desert Research
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