

WEDNESDAY
APRIL 26TH, 2017

SEDE BOQER
CAMPUS

GEORGE
EVENS FAMILY
AUDITORIUM

The French Associates Institute for Agriculture and Biotechnology of Drylands is proud to invite you to:

THE 28TH PROF. MICHAEL EVENARI SYMPOSIUM

The Evenari symposium is an annual gathering of agriculture scientists and enthusiasts in honor of the late Prof.

Michael Even-Ari at Sede Boqer campus. This year's topic will be 'Aquaponics and integrated systems – research and application'.

The Evenari symposium is a great opportunity for colleagues, candidates and the general public to meet the researchers, facilities and the ongoing research in the French Associates Institute for Agriculture & Biotechnology of Drylands (FAAB).

AQUAPONICS AND INTEGRATED SYSTEMS – RESEARCH AND APPLICATION

PROGRAM

09:00 Registration

09:40 Greetings

Shimon Rachmilevitch, Head, The French Associates Institute for Agriculture and Biotechnology of Drylands (FAAB), at the Jacob Blaustein Institutes for Desert Research (BIDR), the Ben Gurion University of the Negev (BGU)
Yitzhak Gutterman, FAAB, BIDR, BGU

SESSION I - AQUAPONICS

10:00 **Ranka Junge**, Zurich University of Applied Sciences, Switzerland
Development of Aquaponics in Switzerland: from science to market and back to science.

10:45 **Amit Gross**, BIDR, BGU, Israel
Off grid aquaponics

11:15 Coffee break

11:35 **Ran Epstein**, Colors Fish Farm, Hazeva, Israel
Implementing aquaponics in an ornamental fish farm

11:55 **Moti Cohen**, LivinGreen, Israel
Urban aquaponics and aquaponics in developing countries

12:15 **Ido Harpaz**, Mosenson High School, Hod Hasharon, Israel
Utilizing aquaponics in the educational system

12:30 Lunch

SESSION II - INTEGRATED AQUACULTURE

13:30 **Muki Shpigel**, Israel Oceanographic and Limnological Research, National Center for Mariculture, Eilat Israel
Integrated multi-trophic mariculture (imta) systems: an ecological approach for sustainable aquaculture

14:00 **Lior Guttman**, Israel Oceanographic and Limnological Research, National Center for Mariculture, Eilat Israel
Performances of a periphyton- based biofilter towards sustainable mariculture

14:20 **Tom Greenfield**, BIDR, BGU & Central Arava R&D, Hazeva, Israel
Optimizing Nitrogen use efficiency in an integrated aquaculture agriculture system

14:40 **Noam Mozes**¹ and **Ran Segev**², ¹Fisheries and Aquaculture Department, Israeli Ministry of Agriculture and Rural Development & ²Sea gal fish farm, Idan, Israel
Fish farming combined with Irrigation, Aquaponic and Integrated approach in the Negev – overview of past research and implementation with future implications.

15:00 Coffee break

SESSION III - ALGAE AND AQUAPONICS

15:20 **Yair Kohn**, Central Arava R&D, Yair Experimental Station, Hazeva, Israel
Use of spirulina for the removal of excess nutrients in an integrated brackish water aquaculture system

15:40 **Stephan Leu**, BIDR, BGU, Israel
Integrating microalgae cultivation with aquaponics for waste conversion and high efficiency protein production

SESSION IV - FISH AND PLANT HEALTH MAINTENANCE

16:00 **Phyllis Weintraub**, Agricultural Research Organization (ARO), Volcani Center, Israel
Biological control of plant pests

16:20 **Dina Zilberg**, BIDR, BGU, Israel
Controlling diseases of fish using plant-based treatments

16:40 Concluding remarks

Note that participation is free of charge, but reservation is mandatory due to logistics.

RSVP via return email to Ittiel@bgu.ac.il until April 4th, 2017. Feel free to contact us if you need further information at 08-6563449