



Thursday June 29 2023 - Tel-Hai College - Galilee

9:30 to 10:00 - Morning Session**The 10th Food Tech Conference of Tel-Hai Academic College**

Hosted by Food Science Department Tel Hai College

Food Security and Sustainability as a Catalyst for Innovation in Food Tech and AgriTech.**The leading annual academic conference in Israel.****Disclosure of groundbreaking research, unique solutions and initial developments****Moderator:****Dr. Ofir Benjamin**, Senior Lecturer and Researcher
Food Science department Tel Hai College / Israel National Food Institute CTO**10:00 to 10:15 - Opening Remarks****10:15 to 10:45 - Opening Lecture****Speaker:****Dr. Liron Amdur PhD**, Planning-agriculture-economics-environment
Agriculture and food system consultant, research fellow at Yesodot Policy Research Institute**10:45 to 12:00 Panel Discussion****Panel: Food institutes scientific approach to the Food Security****Guest Speaker:****Prof. William Chen**, Director of Food Science and Technology, Nanyang University, Singapore
Technology Innovations for Food Circular Economy and Efficient Food System**Speakers:****Mrs. Anne Louise Dannesboe Nielsen**, Director Food and Production, DTI
"Plant based and vegan, status in Denmark and Nordic countries"**Dr. Shilpa Garg**, Senior researcher/associate professor at DTU Biosustain.**Towards sustainable food production: high-resolution genomic and computational technologies****Prof. Yoav D. Livney**, Biotechnology and Food Engineering Sustainable Protein Research Center Director**"The Technion Sustainable Protein Research Center"****12:00 to 14:00 - Students Groups Presentations - Product developments****14:00 to 15:15 - Panel Discussion****Panel: Innovation in Food Security research.****Moderator: Dr. Tammy Meiron Phd**, Fresh Start Food Tech CTO**Speakers:****Proff. Ram Reifen**, Hebrew University, Jerusalem**Can plant proteins help overcome food insecurity?****Gilad Gome**, Phd student (HUJI) , Biotech Entrepreneurship Lecturer, Reichman University. Cultured meat, Biotproduction, Stem cells, Bioengineering**Macrofluidics - Laser Printed Fluidics for Bioprocess Automation****Dr. Liora Shaltiel**, Galilee Research Institute (MIGAL)**The black soldier fly, a multi-directional contribution to agriculture**

from pest reduction to fertilization through waste deposing and feed proteins production

Dr. Iftach Nachman, Researcher Tel Aviv University**An embryonic organoid approach to cultivated meat****Dr. Sarel Hübner**, Head of Plant Evolutionary Genomics lab, the scientific director of the Genomics and Biodata Center at the Galilee Research Institute (MIGAL), and the head of the BioData (computational biology) program at Tel-Hai College.**Take a walk on the wild side: harnessing the power of evolution for food security****15:15 to 16:00 - Panel Discussion****Panel: Student communities from the Israeli Academy speak FOOD SECURITY.****10:00 to 13:00 - Parallel Sessions****The Food Industry and Food Security**

Hosted and led by: The Ministry of Economy & The Food Industries Association

The food industry's role in strengthening national food and nutritional independence.**Sustainable food consumption. The food industry's global challenges.****Special Guest Speaker:**

Food Safety and Food waste reduction by Deep Learning AI based QA Vision Control and Process improvements.

Mr. Malte Schlüter, Global Director F&B / CPG / FMCG / Life Science.
Mitsubishi Electric FA Global Industry Solutions Division**Part 1: The Challenges****Mr. Dodi Manevich**, Chairman of the Food Industries Association – Food availability as a strategic existential threat to the State of Israel and the way to neutralize the threat**Ms. Galit Cohen**, Senior researcher at INSS - National Security and Food Security, disruptions in supply chains**Mr. Guy Ben Zvi**, Chief Scientist and Owner, Omega 3 Galil - Modern food safety not only quantity but also quality**Part 2: Solutions****Moderators:****Ms. Yifat Inbar**, Head of the Food Industry and FoodTech Division, Industries Administration, Ministry of Economy and Industry**Mr. Aviv Hatzbani**, Director of the Food Industries Association**Participants:****Mr. Oz Katz**, Director of Industries Administration, Ministry of Economy and Industry**Ms. Gofna Liss-Rubin**, Open Innovation Manager Osem-Nestle, Israel**The role of industry in food security, especially in the context of alternative protein****Mr. Dov Basel**, Environmental Affairs Corporate Manager, Tnuva**Achievements and challenges in Environment and Sustainability fields****in a leading Dairy & Food company****Mr. Lior Shalu**, CEO, Algecor Technologies Ltd**Mr. Zemer Sat**, CTO and Co-Founder Tutti Puffs SuperNatural snacks Ltd**Closing guest lecture:****Mr. Nadav Berger**, **Mr. Yoni Glickman**, Founding and General Partners, PeakBridge**The "Tesla moment" of the FoodTech industry****13:00 to 16:00 - Parallel Sessions****Community and Public Health. Nutrition Security and sustainability transitions of food systems**Hosted by: **The Nutrition Division - Ministry of Health.****The Israeli Forum for Sustainable Nutrition & The National Council for Food Security****Can technology transform the broken food system? Key issues in sustainable food systems****Moderated by:**

The Israeli Forum for Sustainable Nutrition Session

- **Can the Alternative protein sector be the solution to animal farming?** Alon Shepon, the Department of Environmental studies at the Porter school of the Environment and Earth Sciences, Tel Aviv University and IFSN
- **Has novelty made us healthier? The case of ultra-processed food and health.** Sivan ben Avraham, Ben Gurion University of the Negev and IFSN
- **The healthy and sustainable food basket as the compass to food systems transformation.** Dorit Adler, IFSN and the Israeli President's Climate Forum
- **The role of Agtech in promoting sustainable food systems.** Opher Mendelsohn IFSN and TAU
- **Just solutions for a hungry planet: decentralized culturally-based food systems as a path to sustainability.** Yossi Wolfson IFSN and Israeli President's Climate Forum
- **Closing remarks.** Sigal Tepper, Tel-Hai College and IFSN

Special Guest Speaker**Dr. Judith van der Horst-Graat**, Innovation Lead Food & Health, Food valley NL

Speeding up the food transition: how to turn thoughts and ambitions into practice

Ministry of Health and Food Security - Aspects of Public Health**Moderated by:** The Nutrition Division, Ministry of Health**Participants:**

- **Prof. Ronit Endevelt**, M.Sc, Ph.D., Director of Nutrition Division, Ministry of Health, Haifa University School of Public Health
- **Prof. Aron M. Troen**, Head of MSc Program in Biochemistry Food and Nutrition Science, The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem
- **Prof. Emeritus Roni Strier**, Chair of the Israel National Council of Food Security, The School of Social Work at the University of Haifa
- **Dr. Moran Blaychfeld Magnazi**, Deputy Director, Nutrition Division, Israel Ministry of Health
- **Dr. Yael Kachel**, Head of Research, Strategy Division, Ministry of Agriculture

16:00 - Closing Session

Representatives of student's FoodTech communities from Reichman University, The Technion, Ben Gurion University, Tel Aviv University, the Hebrew University's Faculty of Agriculture and Tel Hai College. In the panel, the representatives as the younger generation that will soon enter the market of food industry and FoodTech companies will talk about their activity in the FoodTech field in recent years and their personal point of view on Food Security and the solutions for the food of the future.