

Primavera dell'Innovazione 2021 - From Space to Agrifood-Tech

28th May 2021

Primavera dell'Innovazione is the annual conference, now in its fifth edition, which will be held this year in Rome on 28 May in digital mode.

This edition will focus on the theme of Agrifood-Tech, illustrating current and planned projects and the main trends in the sector, with a focus on finance and the role of spin-in and spin-out technologies.

The event is composed of four sessions, and the speakers will discuss the role of Space in the Agrifood landscape.

Institutional Greetings

(9:00 - 09:30)

- *Stefano Patuanelli*, Minister – Ministry of Agriculture, Food, and Forestry Policies (tbc)
- *Paolo Orneli*, Assessor of Economic Development, Research and Innovation – Lazio Region
- *Flavio Lucibello*, President – Hypatia research Consortium
- *Massimo Iannetta*, Head of Biotechnology and Agroindustry Division – ENEA

Session I

(09:30 – 10:30)

Title: Integrated Applications for Agrifood-Tech

Abstract:

This session will introduce the opportunities for enhancing integrated space applications in the Agrifood-Tech sector through the common initiatives of ESA, ASI, and E. Amaldi Foundation (FEA). In particular, ESA representatives will illustrate the structures of the ESA Space Solutions network and the Φ -lab Division and the most interesting initiatives, both past, and future, to support the upstream and downstream sector at the European level, while ASI will present the strategic lines in the area of integrated applications at the national level with a focus on opportunities for the Agrifood-Tech sector. FEA, as ESA Business Applications and InCubed+ Ambassador Platform for Italy, will present an overview of the ecosystem and the community of reference in the Agrifood-Tech sector at a national level.

Moderator:

Eleonora Lombardi, Industrial Policy and Technology Transfer Manager – Fondazione E. Amaldi

Introduction:

Elodie Viau, Director of Telecommunications and Integrated Applications – ESA-ECSAT

Speakers:

- Rita Rinaldo, Head of Institutional Projects Section – ESA-ESTEC
- Giuseppe Borghi, Head of the Φ -lab Division – ESA-ESRIN
- Lorenzo Scatena, Secretary General and Ambassador ESA2S – Fondazione E. Amaldi
- Alberto Tuozi, Head of Satellite Telecommunications and Navigation Unit – ASI

Coffee Break

(10:30 – 11:00)

Session II

(11:00 – 12:30)

Title: Agrifood-Tech in the Lazio Region: sectors, projects, and companies

Abstract:

The session will be organized with a presentation of thematic tables on projects, in regional and national contexts, and technologies supporting Agrifood-Tech: satellites, pseudo-satellites, UAVs, greenhouses, and sensors. The discussion will continue with the presentation of the "Call for Ideas" of the Italian ESA Space Solutions Ambassador platform dedicated to innovators of the New Space Economy for the Agrifood-Tech sector.

Moderator:

Jaime D'Alessandro, Journalist – La Repubblica

Speakers:

Land Monitoring and Agrifood-Tech with Satellites

- Vittorio Rosato, Head of Laboratory for Analysis and Protection of Critical Infrastructure – ENEA
- Leonardo Alberto dal Zovo, CEO – Studiomapp S.r.l. (tbc)
- Marco Brancati, CTO – Telespazio S.p.A.
- Matteo De Sanctis, Managing Partner – Centrale Valutativa S.r.l.

The future of Agrifood-Tech: monitoring on Earth and cultivating on Mars

- Giuseppe Persechino, Program Manager – CIRA S.C.p.A.
- Eduardo De Francesco, Director of Research & Development – Se.Te.L. S.r.l.



- *Giorgia Pontetti*, CEO – G & A Engineering S.r.l.
 - *Antonella Canini*, Director of Biology Department – University of Rome Tor Vergata
-

Title: Presentation of Agrifood-Tech in Italy

(12:30-12:45)

Introduction:

Valerio Roscani, Technology Analyst – Fondazione E. Amaldi

Speakers:

- *Peter Kruger*, Founder – AgFood Ventures
- *Antonio Iannone*, CEO – TheFoodCons
- *Sharon Cittone*, CEO – Edible Planet Ventures
- *Chiara Sattin*, CEO – Borgo Buzzaccarini

Title: The Agrifood-Tech in Italy. Data.

(12:45-13:00)

Speaker:

Max Leveau, COO – Forward Fooding

Title: Presentation of “Call for ideas” Agrifood-Tech.

(13:00-13:30)

Lunch

(13:30-14:00)

Session III

(14:00-15:00)

Title: Space Finance for Agrifood-Tech Innovation

Abstract:

This session, a roundtable dedicated to the topic of finance for innovation, will focus on the opportunities and peculiarities of investing in initiatives qualified by space technologies in the Agrifood-Tech sector. Some current and future financial tools available to Agrifood-Tech innovators at a regional and national level will also be illustrated.

Moderator:

Leopoldo Benacchio, Journalist – INAF and University of Padova



Speakers:

- *Peter Kruger*, Founder – AgFood Ventures
- *Fabrice Testa*, Chairman – EBAN Space
- *Lorenzo Scatena*, Secretary General and Ambassador ESA2S – Fondazione E. Amaldi
- *Marta-Patricia Aparicio y Montesinos*, Founder – Keymon Ventures
- *George Coelho*, Partner & Co-Founder – Astanor Ventures

Sessione IV

(15:00 - 16:00)

Title: The way forward: Institutional strategies and application developments

Abstract:

The session is structured as a round table, including relevant guests from the world of research and Institutions to address the topic of innovation, focusing on opportunities related to the regional enterprise structure, highlighting its gaps, and defining its developments. The session will conclude with the presentation of future thematic workshops included in the LAerospaZIO Project.

Moderator:

Antonio Lo Campo, Scientific Journalist – La Stampa

Speakers:

- *Maria Cristina Falvella*, President – Fondazione E. Amaldi
- *Gianmarco Carnovale*, President – Roma Startup
- *Paolo Garonna*, Secretary General – Italian Banking, Insurance and Finance Federation

Speakers:

- *Flavio Lucibello*, President – Consorzio di ricerca Hypatia
- *Dario Della Sala*, Head of Division "Sustainable materials" and LAerospaZIO Project – ENEA
- *Mariangela Cestelli Guidi*, Vice Coordinator of the National Committee for Technology Transfer – INFN
- *Marco Di Clemente*, Head of Technology Unit – ASI
- *Emilio Campana*, Director of the Department of Engineering, ICT, and Technologies for Energy and Transport – CNR