



European Space Expo

Programme



18 September - 4 October 2015
Giardini Indro Montanelli, Milano

Monday - Thursday: 9.00 - 20.00 / Friday - Sunday: 10.00 - 21.00

Special opening during the event MEET me TONIGHT (25 - 26 September): until 22.00.

FREE ADMISSION

In cooperation with:



European Space Expo

Discover what Space brings to your life

Copernicus is the European programme designed to provide information services, which combine satellite data and local observations, in order to monitor the environment and contribute to the security of European citizens.

Galileo is Europe's global navigation satellite system, providing a highly accurate, guaranteed global positioning service under civilian control.



Friday 18 September

12.30 - 13.30	Live with an astronaut: meet Paolo Nespoli
14.30	From Space to the sea: sea-conditions <i>Giovanni Coppini - Euro-Mediterranean Center on Climate Change (CMCC) - Ocean Predictions and Applications (OPA) Division - Ocean Lab</i>
15.00	Machinery for precision agriculture <i>Fabrizio Giangreco - CNH Industrial</i>
15.30	EGNOS - enabled animal tracking for behaviour monitoring <i>(Presentation in English)</i> <i>Lucas Noldus - Noldus Information Technology bv</i>
17.00	Space for a more sustainable planet Earth <i>Carla Filotico - SpaceTec Partners</i>
17.30	Space-borne hyperspectral sensors, observing our planet from a different point of view <i>Giovanna Ober - CGS S.p.A.</i>
18.00	Plant cultivation systems for Bioregenerative Life Support Systems (BLSSs) in Space <i>Stefania De Pascale, Roberta Paradiso, Giovanna Aronne, Veronica De Micco - University of Naples Federico II</i>

Saturday 19 September

17.00	G-MOTIT: electrical scooter sharing system enabled by EGNOS and GALILEO <i>(Presentation in English)</i> <i>Marti Jofre - G-MOTIT Project Coordinator</i>
17.30	AGROSPACE: agriculture in Space to provide food to the Earth <i>Luciano Battocchio - Aero Sekur</i>
18.00	mapKITE: corridor mapping by an innovative tandem Unmanned Aerial System and terrestrial vehicle enabled by satellite navigation <i>(Presentation in English)</i> <i>Pere Molina - GeoNumerics S.L.</i>
18.30	The MISTRAL Soil Moisture Monitoring Drone uses GALILEO to measure droughts and floods <i>(Presentation in English)</i> <i>Olivier Desenfans - M3 Systems Belgium</i>

19.00	EGNOS - enabled animal tracking for behaviour monitoring <i>(Presentation in English)</i> <i>Lucas Noldus - Noldus Information Technology bv</i>
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Sunday 20 September

15.00	EGNOS - enabled animal tracking for behaviour monitoring <i>(Presentation in English)</i> <i>Lucas Noldus - Noldus Information Technology bv</i>
15.30	G-MOTIT: electrical scooter sharing system enabled by EGNOS and GALILEO <i>(Presentation in English)</i> <i>Marti Jofre - G-MOTIT Project Coordinator</i>
16.00	mapKITE: corridor mapping by an innovative tandem Unmanned Aerial System and terrestrial vehicle enabled by satellite navigation <i>(Presentation in English)</i> <i>Pere Molina - GeoNumerics S.L.</i>
16.30	The MISTRAL Soil Moisture Monitoring Drone uses GALILEO to measure droughts and floods <i>(Presentation in English)</i> <i>Olivier Desenfans - M3 Systems Belgium</i>

Monday 21 September

17.00	Managing forest fires from Space <i>Giovanni Laneve - University of Roma «La Sapienza»</i>
17.30	Reducing sea blindness from Space <i>Michele Vespe - European Commission - Joint Research Centre</i>
18.00 - 19.00	Food and Space: stories from the Museum of Science and Technology <i>Luca Reduzzi, Valeria Chiodini - National Museum of Science and Technology Leonardo da Vinci</i>

Tuesday 22 September

17.30	From Earth to Space: water for life <i>Lucia Grizzaffi - Thales Alenia Space Italy</i>
18.00	Fresh vegetables "made in Space": dream or reality? <i>Lucia Grizzaffi - Thales Alenia Space Italy</i>
18.30	From Space research: regenerative systems for environmental sustainability <i>Lucia Grizzaffi - Thales Alenia Space Italy</i>

Wednesday 23 September

17.00	Air transport of food and satellite technologies in support of air transport <i>Pierpaolo Tavemise - Thales Alenia Space Italy</i>
17.30	How the Italian COSMO-SkyMed satellite constellation supports worldwide food emergency and farming <i>Alessandro Coletta - Italian Space Agency</i>
18.00	AgriSmarT: from the hoe to the satellite in Tuscany <i>Marco Vieri - GESAAF Department of Agricultural, Food Production and Forest Management, University of Florence</i>
18.30	The Galileo Navigation System and its contribution to precision farming <i>Massimo Eleuteri - Thales Alenia Space Italy</i>

Thursday 24 September

17.00	The Copernicus Sentinels: technologies of aerospace platforms and tools for radar and optical observation <i>Giacomo Taini - Thales Alenia Space Italy</i>
17.30	How the Italian COSMO-SkyMed satellite constellation supports worldwide food emergency and farming <i>Alessandro Coletta - Agenzia Spaziale Italiana</i>
18.00	Use of remote sensing for monitoring the effects of saltwater contamination on soil productivity. Potential applications in precision agriculture <i>Francesco Morari - DAFNAE - Department of Agronomy, Food, Natural Resources, Animals and Environment, AGRIPOLIS, University of Padova</i>
18.30	Copernicus satellites for observation of territories and oceans, and for monitoring applications related to agriculture and fisheries <i>Andrea Pietropaolo - Thales Alenia Space Italy</i>

Friday 25 September - Saturday 26 September

17.00 - 21.00	The European Space Expo hosts the talks organised by "MEET me TONIGHT Faccia a Faccia con la ricerca"
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Sunday 27 September

16.30	Discover the contribution of satellite navigation to a more sustainable personal mobility. Towards a generation without personal cars <i>Fiammetta Diani - European Global Navigation Satellite System Agency (GSA)</i>
17.00	Satellite technologies towards a safer and smarter road mobility <i>Roberto Arditi - SINA (SIAS group)</i>
18.00	From Space to the sea: services and products for fishery and aquaculture <i>Paola Agostini - Euro-Mediterranean Center on Climate Change (CMCC) - Ocean Predictions and Applications (OPA) Division - Ocean Lab</i>
18.30	Agricultural Applications of Airborne/Spaceborne Images - If You Don't Measure It, You Can't Improve It <i>Andrea Baraldi - University of Salzburg and University of Naples "Federico II"</i>

Monday 28 September

	Morning workshop for schools: "Studiare il mare attraverso i dati previsionali: che mare farà?"
16.30	New frontiers in Space applications and services. Innovation for enterprises and citizens <i>Massimo Claudio Comparini - Telespazio</i>
17.00	Space and agriculture: the contribution of the Emergency Copernicus Management Service <i>Annalaura di Federico - e-Geos</i>
18.00 - 19.00	Food and Space: stories from the Museum of Science and Technology <i>Luca Reduzzi, Valeria Chiodini - National Museum of Science and Technology Leonardo da Vinci</i>
19.00	A single satellite: hundreds of eyes to observe the Earth <i>Marco Molina - Finmeccanica Selex ES</i>

Tuesday 29 September

16.30	Microwaves: not only for cooking, but also for observing the Planet <i>Simonetta Paloscia - National Research Council, Institute of Applied Physics, Earth observation</i>
17.00	Galileo and EGNOS applications in train signalling <i>Giuseppe Siciliano - Certet - Bocconi University</i>
17.30	The Italian contribution to better observing our Planet for a sustainable agriculture <i>Laura Candela - Italian Space Agency</i>
18.00	SatCom System for Pan-European Logistic Applications and Perishable Foods Distribution <i>Paolo Conforto - Thales Alenia Space Italy</i>
18.30	StarTruck: Sharing the Truck for Food Distribution <i>Paolo Conforto - Thales Alenia Space Italy</i>

Wednesday 30 September

17.30	Detecting fish from Space <i>Jean-Noël Druon - European Commission - Joint Research Centre</i>
18.00	Satellites for agricultural services: COSMO-SkyMed for phenological phases and natural resources monitoring <i>Livio Rossi - e-Geos</i>

Thursday 1 October

17.00	The solutions for food and nutrition in aerospace <i>Magg. CSAm Paola Verde - Italian Air Force</i>
17.30	Knowledge and ability of the Air Force in the meteorological field for applications in the agricultural and hydrological area <i>Magg. GAm Emanuele Vuerich - Italian Air Force</i>
18.00 - 19.00	Food and Space: stories from the Museum of Science and Technology <i>Luca Reduzzi, Valeria Chiodini - National Museum of Science and Technology Leonardo da Vinci</i>

Friday 2 October

16.30	The contribution of EGNSS to sustainable mobility and safer transport <i>Antonella di Fazio - Telespazio</i>
17.00	The role & contribution of Europe's Agricultural Machinery Industry in promoting sustainable agriculture and food security <i>Gian Gherardo Calini - European Global Navigation Satellite System Agency (GSA)</i>
17.30	Measuring vegetation status from spaceborne sensors: opportunities and challenges <i>Roberto Colombo - Remote Sensing of Environmental Dynamics Lab - Department of Environmental Sciences (DISAT), University of Milano-Bicocca</i>
18.00	Seed in the future, harvest in the present <i>Luciano Battocchio - Aero Sekur</i>
18.30	Space4Food: experience in the Apulia region <i>Giovanni Sylos Labini - Planetek Italia Srl</i>
19.00	The role of satellites as worldwide time reference <i>Marco Lisi - European Space Agency</i>

Saturday 3 October

16.30	The MISTRAL Soil Moisture Monitoring Drone uses GALILEO to measure droughts and floods <i>(Presentation in English)</i> <i>Jeroen Verschoore - AeroVision</i>
17.00	Food insecurity <i>Simonetta Facioni - Thales Alenia Space Italia</i>
17.30	Space farming: a smart agriculture system <i>Giacomo Pietramellara - DISPAA - Department of Agrifood and Environmental Science, University of Florence, Italy</i>

Sunday 4 October

15.00	Agriculture and new technologies: aiming to a wider use <i>Paola Grossi - Coldiretti</i>
15.30	The MISTRAL Soil Moisture Monitoring Drone uses GALILEO to measure droughts and floods <i>(Presentation in English)</i> <i>Jeroen Verschoore - AeroVision</i>
The agenda may be subject to change. You can find the most updated version of the agenda on the website: http://ec.europa.eu/growth/sectors/space/expo/index_en.htm	

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Milan

See, touch and experience the
benefits Space has for Earth



For further information and the most updated version of the agenda please visit:
ec.europa.eu/eu-space-expo

