



COSMOS2020 NEWSLETTER #5

09 June 2015



21 – 23 October 2015 in Rome

The international event will provide information on the Work Programme 2016/2017 of the Space theme in Horizon 2020 as well as useful information on the Copernicus Programme and the GALILEO Programme and it will be addressed to Universities, Research Centres, Industry, SMEs and SMEs Associations, Local Administrations, providing new opportunities and competitive advantages for the participants offering strategic networking opportunities

We are glad to inform you that the "SPACE week – 2015", organized by APRE on behalf of MIUR (Ministry for Education, University and Research), in collaboration with and hosted by the Italian Space Agency (ASI), will take place in Rome from the 21st to the 23rd October 2015 .

21 October 2015 - Site visit

Organized with the support of Enterprise Europe Network

- The National Institute for Astrophysics (INAF)
- The Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA)

22 October 2015 - International cooperation workshop

The event bring together extra-EU delegations and EU representatives for SPACE purpose. The delegations include representatives of Enterprise Europe Network, policy and industrial stakeholders who present their own SPACE activities, policies and priorities supporting the international cooperation. The aim of this session is to share the current research and innovation challenges that could potentially be address through various EU programmes (H2020, Galileo and Copernicus)"

Brokerage/Matchmaking Event: Jointly organized by COSMOS2020 (SPACE – NCP network) and Enterprise Europe Network (EEN). A specific section for Public body/ Founding agency has been foreseen with the aims to strength the transnational opportunities within the themes covered by the brokerage event (tbc).

23 October 2015 - SPACE call in H2020 - International information event

The official info-day in ITALY, organized by APRE on behalf of MIUR (Ministry of Education, University and Research), in collaboration with the Italian Space Agency (ASI)

[Website of Space Week 2015](#) [Event registration](#) [For further information](#)



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COSMOS2020 is financed by the European Commission, DG Enterprise and Industry within Horizon 2020, the European Union's Framework Programme for Research and Innovation



Business with ESA – New Industry Portal

The new Industry Portal provides concrete information on ESA's Business Opportunities, informative material on how to do business with ESA and access to useful educational tools.

These pages are intended as a guide for all space industry actors interested in *How to do Business with ESA*. The aim is to improve the connection between ESA and the space industry and research institute communities as well as to enhance exchanges within the communities. Through these pages ESA will provide helpful material, keep the communities up-to-date with seminars and events, and above all ensure easy and complete access to business opportunities.

The Business Opportunities page shows the different ways of accessing and learning about opportunities with ESA. Various approaches can be taken: you may be interested in a specific programme (Focus On), have questions about Teaming up with other Partners, or you may want to find out what is being organised in your own country. How many contracts per year are we talking about and what does dealing with an intergovernmental customer such as ESA involve? For answers to these questions and many more, visit the new Industry Portal!



Presentation of the Industry Portal
by Eric Morel de Westgaver, ESA Director of Industry,
Procurement and Legal Services

[Business with ESA](#)



Join the GEO 2015 Short Video Competition!

The competition seeks short (up to 3 minutes) videos highlighting how GEO, and Earth observations in general, are helping to address global and regional environmental and societal challenges.

The Group on Earth Observations is pleased to announce the kick-off of the GEO 2015 Short Video Competition for the GEO-XII Plenary and Ministerial Summit.

Winning videos will be shown during the GEO Ministerial Summit in Mexico City on 13 November 2015.

The deadline for submissions is 30 September 2015.

[Further Information](#)



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Dark matter in a new light

You can't see it, you can't touch it, nor is it something you could hear, taste or smell. Dark matter is all around us, and its mass produces measurable gravitational effects. Other than that, it interacts with the visible universe even less than previously thought, according to the results of recent EU-funded research.

An EU-funded astronomer has generated new knowledge about dark matter. Together with his team, he has shown that its rate of interaction with the type of particles that compose the visible world is even lower than scientists had assumed. His project, named DarkMatterDarkEnergy, is also involved in the development of new soft- and hardware that is making its mark on current and upcoming observation campaigns.

DarkMatterDarkEnergy was funded by a reintegration grant as part of a programme set up by the EU to enable European researchers working abroad to re-establish their careers in one of the EU Member States. Coordinated by Durham University, the project was the brainchild of Dr Richard Massey, a British scientist returning to the UK after several highly productive years at the California Institute of Technology.

[Further Information](#)



UN Spider Featured - Application of the month: Landslides

Landslides are a geological hazard which can cause extreme damage to infrastructure and loss of life. They can be defined as the failure of a slope leading to a variety of ground movements including rock falls and debris flows. As their occurrence is often linked to other natural hazards, satellite data can play a key role in monitoring areas where landslides may occur and in identifying landslide locations for rescue and response missions.

A number of countries and international institutions are now using satellite data in order to quickly and effectively create inventory and hazard maps to help combat the risk posed to populations by landslides. The physical cause of landslides cannot be removed, but through effective land use management and engineering practices informed by a combination of satellite, aerial and ground based investigations their hazard can be greatly reduced.

[Application of the Month](#) [Knowledge Portal](#)



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