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## New maps to support decision-making after an earthquake

UPM - mi+d

Researchers from diverse institutions have developed a new methodology to create easy-to-understand maps for decision-making support after large earthquakes.

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## A new algorithm improves flight safety and reduce delays

UC3M - mi+d

This advance increases the system's ability, that is to say, the number of planes that are able to fly in one space at one time.

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## From foe to friend: graphene catalyzes the C-C bond formation

IMDEA Nanoscience

Researchers have demonstrated that graphene deposited on a metal surface promotes an unusual chemical reaction that would hardly take place under noncatalyzed conditions.

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## Spanish Researchers Develop Sand that Produces White Sun-Like LEDs

LED Professional

The high content of blue light presented by current LEDs can be harmful to the human retina, especially for children, and has a negative impact on our brain's chemistry.

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## Extended life for ESA's science missions

ESA

ESA's Science Programme Committee (SPC) has confirmed the continued operations of ten scientific missions in the Agency's fleet up to 2022.

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## A Project by Borja Ibáñez from the CNIC and the FJD funded by the European Union with an 'ERC Consolidator'

CNIC

The MATRIX Project led by Dr. Borja Ibáñez, Director of Clinical Research at the National Center for Cardiovascular Research (CNIC), has received an 'ERC Consolidator' grant from the European Commission, endowed with 2 million euros for the next five years, to develop new and innovative treatments for cardiac toxicity which is associated to some cancer treatments.

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## The CNIO and Hospital 12 de Octubre find a potential new combination therapy against a rare disease of the bone marrow

CNIO

Myelofibrosis is a very rare serious disease that affects bone marrow stem cells. The average survival of these patients, with treatment, is about five years.

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## Digestive remains for revealing potential predators of the Xylella fastidiosa vector in olive groves

UCM - mi+d

The bacterium Xylella fastidiosa causes the death of over 350 different plant species, standing out the grapevine, almond and olive trees among them.

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## IdiPAZ joins the BlueCloud Education Network

IDIPAZ

BlueCloud Education Network connects healthcare professionals and organizations needing to access and share healthcare standardization processes, education, technology and professional information for business and compliance purposes.

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## 5TONIC Lab becomes key European 5G project test site

IMDEA Network

The 5TONIC co-creation laboratory in Madrid has been confirmed as one of only four European test beds responsible for creating and testing proof-of-concept demonstrations for the EU-backed 5G-Transformer project.

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