

A VISION OF THE FUTURE

INNOVATION AND TECHNOLOGY CONFERENCE
TO COMMEMORATE GMV's 30TH ANNIVERSARY

Torre de Cristal building, Madrid, 12 June 2014



OBJECTIVE

GMV was founded thirty years ago as a small technology-oriented company with the aim of providing specialized advanced engineering and technology solutions in the Space industry. After 30 years GMV has become a global technology conglomerate of over 1,000 people operating in multiple industries. We in GMV firmly believe that innovation starts with a long term vision of the future. To lead the global competition of the future we must invest today in the technologies that will change our lives.

GMV wants to commemorate the 30th anniversary of its foundation sharing with you this unique opportunity to discuss with prominent international key speakers how innovation & technology will change some industries such as space exploration, transportation, ICT or healthcare and its impact on our lives in the following decades.

Throughout the conference the following fundamental questions are going to be addressed:

- *Let's imagine the future in the long term: What great changes will take place in the following decades in industries like space exploration and exploitation, mobility and transportation, healthcare and ICT and their application to our daily lives?*

- *What are the disruptive technologies that are required for those great changes to happen and where in the world is progress in those fields currently being led?*
- *What should we start to do today to play a relevant part in the product and services industries that will be key to the future we are envisioning now?*

The final aim of the conference is to provide a long-term vision capable of inspiring key representatives of industry and raising society's awareness about the importance of investing today in the research and development of the technologies that will lead the future.



AGENDA

12TH JUNE, 2014

08:30 RECEPTION

09:00 OPENING SESSION:

- Mónica Martínez Walter (President of GMV)
- Carmen Vela Olmo (Secretary of State for Research, Development and Innovation in the Spanish Ministry of Economy and Competitiveness)

09:30 “A VISION OF THE FUTURE” keynote speech by Dr. Michio Kaku

10:10 COFFEE BREAK

10:30 ROUND TABLE. MODERATOR: Eduard Punset

10:30 Introduction by Eduard Punset

10:40 Daniel Sieberg (Author of ‘The Digital Diet’ and Senior marketing manager at Google)

11:20 Bas Lansdorp (Co-founder and CEO of Mars One)

12:00 Dr. Julio Mayol, (Prof. of Surgery, Co-director of M+Visión Consortium, Chief Innovation Officer of IdISSC, MIT Affiliate)

12:40 Open discussion moderated by Eduard Punset with the participation of Michio Kaku, Daniel Sieberg, Bas Lansdorp and Julio Mayol)

13:15 CLOSING WORDS by Carmen Librero Pintado (Secretary General for Transport in the Spanish Ministry of Public Works)

13:30 COCKTAIL

PARTICIPANTS



EDUARD PUNSET (born 1936) is a Spanish lawyer, economist, and science popularizer. He holds a Law degree from the Universidad Complutense de Madrid and a Master’s in Economic Sciences from the University of London. He has been an economic writer for the BBC, economics director of the Latin American edition of the newsweekly The Economist, and an economist for the International Monetary Fund in the United States and Haiti. As a specialist on the impact of emerging technologies, Punset has been a consultant to COTEC, Advising Professor of International Marketing at ESADE, president of the Instituto Tecnológico Bull, Professor of Innovation and Technology at the IE Business School (formerly Instituto de Empresa) in Madrid, President of Enher, Deputy General Director of Economic and Financial Studies at the Banco Hispanoamericano, and Coordinator of the Strategic Plan for the Information Society in Catalonia. MODERATOR.



MICHIO KAKU (born 1947) is an American theoretical physicist, the Henry Semat Professor of Theoretical Physics at the City College of New York, a futurist and a communicator and popularizer of science. He has written several books about physics and related topics, has made frequent appearances on radio, television, and film and writes extensive online blogs and articles. He has written two New York Times Best Sellers: Physics of the Impossible (2008) and Physics of the Future (2011). Kaku has hosted several TV specials for the BBC, the Discovery Channel, the History Channel, and the Science Channel. KEY SPEAKER.



DANIEL SIEBERG (born 1972) is author of ‘The Digital Diet’ and Senior marketing manager at Google. Since joining the company in late 2011, Sieberg has lead a team that supports journalists around the world as they use Google’s tools for newsgathering including Google Maps and Google Earth, Fusion Tables, Google+, Search, Trends, YouTube and more. He also routinely appears on TV and radio to talk about a wide variety of Google’s products and initiatives. The Emmy-nominated Sieberg was previously a technology reporter dating back to the late 1990s for the likes of CBS News, CNN, ABC News, and BBC News America. His stories and analysis have also appeared on MSNBC, NBC News, Fox News, Al Jazeera, CBC, NPR, CTV, the Vancouver Sun and many other outlets. Sieberg is also the author of The Digital Diet: the four-step plan to break your tech addiction and regain balance in your life, which is all about becoming a high-powered, high-efficiency communicator in today’s fast-paced world. KEY SPEAKER.



BAS LANSDORP (born 1977) is a Dutch entrepreneur, he is best known as the co-founder and CEO of Mars One. Lansdorp received his Master of Science in Mechanical Engineering from the University of Twente in 2003. He worked for five years at Delft University of Technology and in 2008 founded Ampyx Power in order to develop a new, viable method of generating wind energy. In 2011, he sold part of his shares in Ampyx in order to launch Mars One. Lansdorp became determined to establish the first permanent human colony on Mars during his studies at the University of Twente. His primary focus was on the business model and finding technology partners that can supply the different components for the mission. Until 2013 he financed a significant part of the project himself. KEY SPEAKER.



Dr. JULIO MAYOL, MD, PhD (born 1963) is Chief Innovation Officer of Hospital Clínico San Carlos de Madrid, where he is also clinical chief of general surgery. He works as fully tenured surgery professor of the Universidad Complutense de Madrid and visiting professor of the Surgery Department of Wayne State University in Detroit (United States). Mayol has received specialist training from Hospital Clínico de Madrid and Boston’s Beth Israel Deaconess Medical Center, then becoming Research Fellow in Surgery at Harvard Medical School. He is a member of the Advisory Committee of the International Campus of Excellence Moncloa (UCM-UPM) and also corresponding academician of the National Royal Academy of Medicine. He is a founding member of the iSURGITEC consortium (International Surgical Group for Innovation and Technology). Since 2012 Julio has been co-director of M+Visión Consortium, an alliance between the Regional Authority of Madrid and the Massachusetts Institute of Technology (MIT) to tap into the scientific-technical knowledge of Madrid and Boston, thus creating an innovation ecosystem and turning Madrid into a global hub of biomedical research. KEY SPEAKER.

VENUE

The event will take place at Madrid's architectural reference point Torre de Cristal, located in the area known as Cuatro Torres, the capital's new financial district and one of the most modern business centers in Europe, sited on the city's main thoroughfare, the Paseo de la Castellana. Torre de Cristal has excellent communications thanks to its good connections with the airport and Madrid's underground ring road. At a height of 250 meters and with 52 floors, the Torre de Cristal project is the work of the architect Cesar Pelli. Its façade is in the shape of a cut crystal which makes it one of the most commanding architectural structures in Madrid. The summit of the building, on its 50th floor, has the highest vertical garden in Europe, which is 30m high and displays a wide variety of trees and vegetation.

ADDRESS:

*Torre de Cristal building (50th floor)
Paseo de la Castellana 259 C
28046 Madrid*



