

High-level conference EU Research and Innovation in our daily life



Joint conference of the **European Parliament** and the **European Commission**
European Parliament, Brussels – 27 November 2018

Draft Programme

12:30 - 14:00 Registration of participants

Registration desk "Event Participants and Guests", Altiero Spinelli Building

14:00 - 15:00 Opening - Plenary chamber

- **Antonio Tajani**, President of the European Parliament
- **Jean-Claude Juncker**, President of the European Commission TBC
- **Werner Hoyer**, President of the European Investment Bank TBC
- **Heinz Faßmann**, Minister of Education, Austria

Key note speech

(Video from **Fabiola Gianotti**, Director General CERN)

Carlos Moedas, Commissioner for Research, Science and Innovation, European Commission

Jerzy Buzek, Chair of the Industry, Research and Energy Committee (ITRE)

15:15 - 16:30 Panel 1: Health and wellbeing - Plenary chamber

Chair: Adina-Ioana Vălean, Chair of the Environment (EPP), Public Health and Food Safety Committee (ENVI)

Introduction: Adina-Ioana Vălean, Chair ENVI - **Vytenis Andriukaitis**, Commissioner for Health and Food Safety TBC

Institutions and MEPs

- **Jean-Pierre Bourguignon**, President, European Research Council (ERC) TBC
- **Soledad Cabezón Ruiz** (S&D) - **Françoise Grossetête** (EPP), **Marisa Matias** (GUE)

Projects

Christian Cipriani, Director Institute of biorobotics - Istituto Superiore S. Anna, Italy TBC and **Prof Francesco Cognetti**, Director of the Department of Medical Oncology of the "Regina Elena" Institute in Rome

Luis Serrano, **MycoSynVac project**, Spain

MycoSynVac project is successfully producing an effective vaccine that treats infections in farm animals, reducing greatly the amount of antibiotics entering the food chain and causing long term damage to human health.

Prof. Emma Teeling, **AGELESS project**, ERC grantee, Ireland

Dr Teeling studies the extraordinary longevity of bats and the underlying molecular mechanisms governing this process leading to the design of innovative therapeutic strategies which could counter the ageing process in humans.

Deborah Watson-Jones, **EBOVAC 1 project**, United Kingdom

A vaccine candidate for Ebola in the final phase of clinical development. About 2 million doses of the vaccine are stockpiled and available if requested by the World Health Organisation in case of an Ebola outbreak.

João Silva Sequeira, **MONARCH project**, Portugal

A robot named 'Little Casper' designed to help children in hospital suffering from cancer. Casper plays and talks. Sophisticated sensors, art imaging devices and navigation systems allow him to autonomously move around, recognising young patients and avoiding obstacles.

Q&A

15:15 - 16:30 Panel 2: A sustainable environment - PHS 3C050

Chair: Dominique Riquet (ALDE), Vice-Chair TRAN

Introduction by: Jerzy Buzek, Chair of the Industry, Research and Energy Committee (ITRE)

Institutions and MEPs:

- **Bertrand Piccard**, UN Environment Goodwill Ambassador TBC
- **Miriam Dalli (S&D) - Paul Rübige (EPP) - Marian-Jean Marinescu (EPP)**

Projects

Catia Bastioli, FIRST2RUN project, Italy TBC

First2Run is showing how oil extracted from seeds from hardy, non-food crop can be refined on a commercially viable scale to produce products such as bioplastics, cosmetics, lubricants, fertilisers, herbicides and animal feed.

Emma Östmark, TRASH-2-CASH project, Sweden

A new model where paper and textile waste is recycled chemically resulting in fabrics that are of the same quality as new materials making products that are industrially replicable and infinitely recyclable.

Prof. Stefan Bouzarovski, EVALUATE project, United Kingdom

The project aims at improving the measurement, monitoring, sharing of knowledge and best practices on energy poverty from local to European level. Such data could be crucial for global policy in helping us to understand how future urban transitions – such as the change to a low carbon energy supply – could play out for household consumers and urban systems alike.

Trine Heinemann, E-FERRY project, Denmark

Electric ferries and digital communication between ships could help to decarbonise maritime transport. The first 100 % electric-powered passenger ferry will use a new modular, lithium-ion battery system.

Q&A

16:45 - 18:00 Panel 3: Innovation: let's put research results on the market - Plenary chamber

Description: This panel will showcase several successful projects funded by the EU which have opened the door to innovative solutions and new jobs opportunities in several sectors of the economy" *[and then to maybe add one more sentence simply introducing what stakeholders - whomever they eventually will be - should develop in their speeches/presentations).*

Chair: Patrizia Toia, Vice Chair ITRE,

Introduction: **Patrizia Toia**, Vice Chair ITRE, **Jyrki Katainen**, Vice President for Jobs, Growth, Investment and Competitiveness, European Commission TBC

Institutions and MEPs

Prof. Mariana Mazzucato, Special Advisor on Mission-driven Science and Innovation to the European Commissioner for Research, Science and Innovation, **Carlos Moedas**, author of report on mission-oriented research and innovation in the European Union and coordinator of FINNOV. TBC

Christian Ehler (EPP) - Dan Nica (S&D) - Reinhard Bütikofer (Green)

Projects

Karen Dolva, NO ISOLATION project, Women Innovators - Rising Innovator (winner 2018), Norway

A Norwegian company created a robot to help children and young adults forced by illness to take extended time away from school, to maintain a presence in the classroom, communicate with friends, and socialise.

Tuomas Mustonen, PAPTIC project, Finland TBC

A revolutionary, environmental new material replacing paper and plastic, Paptic has all the advantages of plastic - it's versatile, reusable, lightweight, soft - but it's made from renewable raw materials and is recyclable!

Lars Krüger, WILLPOWER project, Germany TBC

Make your own fuel from CO2 at home and become independent from energy providers. To turn this ambitious dream into reality, Gensoric targets in a first step a sector which accounts for more than 73% of the fossil fuel usage and 57% of all CO2 emissions in the EU: heating!

Prof. John Michael Nolan, CREST project, Ireland

Dr John Nolan is developing a targeted approach that could optimise the nutrition of the eye. This research will lead to improvements in eyesight for many sufferers of impaired vision, and potentially be beneficial even for those who are considered to have 'normal' vision.

Q&A

16:45 - 18:00 Panel 4: Safe and secure society for all - PHS 3C050

Chair: Eva Kaili, Chair, European Parliament's Science and Technology Options Assessment body (STOA),

Introduction: Eva Kaili, Chair, European Parliament's Science and Technology Options Assessment body (STOA) - Elżbieta Bieńkowska, Commissioner, European Commission TBC

Institutions and MEPs:

Elisabetta Gardini (EPP) - Costanze KREHL (S&D) - Angelika NIEBLER (EPP)

Pedro Duque, Minister of Science, Innovation and Universities, Spain

Fabrice Leggeri – Director of the European Border and Coast Guard Agency (EBCGA – FRONTEX)

Projects

Galileo and Copernicus programmes TBC

Galileo is the EU's Global Satellite Navigation System (GNSS), sometimes called the 'European GPS', providing accurate positioning and timing information. Galileo is a programme under civilian control and its data can be used for a broad range of applications. It is autonomous but also interoperable with existing satellite navigation systems.

Pedro Torres, SMART-TRUST project, Portugal TBC

Improving the quality, convenience, efficiency and security in government services, travel, border control and all smart facilities through integrated, user-centric, digital identity management solutions and services built upon trusted biometry.

Guillaume Sannie, C-BORD project, France

Criminal who want to smuggle dangerous or illegal substances into Europe could soon find themselves foiled by a new set of high-tech anti-smuggling tools. An electronic 'sniffed dog' can detect illegal drugs, explosives, chemical agents, and even people.

Stefano Scafè, Advanced Forest Fire Fighting (AF3) Project, Italy

To defend against these fires, the project is trying to improve both firefighting logistics and technology developing a pellet made of extinguishing materials which can be dropped from a greater height.

Alessandro Annunziato, Tsunami assessment modelling system, Joint Research Centre (JRC),

The JRC has developed and operates the only worldwide automatic Tsunami alerting system. It can quickly calculate the estimated wave height and travel time and automatically send an alert message through the Global Disaster Alerts and Coordination System.

Q&A

18:15 - 19:00 Concluding remarks – Plenary chamber

Antonio Tajani, President of the European Parliament

Carlos Moedas, Commissioner for Research, Science and Innovation, European Commission

Sorina Pintea, Health Minister of Romania