



## ***Dublin ESOF2012 - Where Creativity and Great Science meet***

**Dublin** has been chosen to host Europe's largest science conference

**ESOF 2012, Euroscience Open Forum  
11-15 July2012**

To celebrate the honour of hosting one of the most prestigious international science events in Dublin, the **City of Science for 2012**, a programme of science related events and activities, will run throughout the **year** across the **island of Ireland**.

Get connected today: [www.esof2012.org](http://www.esof2012.org)



Follow us on: [Twitter.com/dubscience2012](https://twitter.com/dubscience2012) #dub2012

For media queries please contact Breda O'Brien, Media and Marketing

P: +353 1 607 3179

M: +353 87 3744190

F: +353 1 607 3059

E: [breda.obrien@chiefscientificadviser.ie](mailto:breda.obrien@chiefscientificadviser.ie)

W: [www.esof2012.org](http://www.esof2012.org)

The Euroscience Open Forum - ESOF is an interdisciplinary, pan-European general science meeting, which aims to:

- Showcase the latest advances in science and technology
- Promote a dialogue on the role of science and technology in society and public policy
- Stimulate and provoke public interest, excitement and debate about science and technology

In 2012, Dublin is the European City of Science and hosts ESOF2012 from the 11<sup>th</sup> to the 15<sup>th</sup> July. The event will bring together over 5,000 scientists, business leaders, government officials, policy-makers and international scientific media representatives to discuss the best of European science and to address all of the current major global scientific challenges, including Energy, Climate Change, Food and Health.

**International highlight event is ESOF2012 July 11th – 15th 2012**

#### **Additional Activities**

- Public Engagement Programme January – December 2012
- Partner Conference Programme January – December 2012

**The Open Forum in July will incorporate a number of distinct streams:**

- A **Science** programme of seminars, workshops and debates on the latest research.
- A **Science to Business** Programme to link basic research with business and industrial applications.
- An **Enterprise Research** programme focussed on activities and development in private sector research.
- A **Careers** programme showcasing career opportunities at all levels in Europe and beyond for all levels of researchers at all stages of their careers.
- A **Science in the City** programme to provide scientific interchange opportunities between ESOF2012 delegates and Dublin citizens

- A **Media** programme to promote science communication.
- An **Exhibition** to showcase the best of European academic, public and private research.

## ESOF Dublin City of Science 2012 Themes

Scientific programme sessions will address issues and questions such as those listed below each theme headline. Within each theme session applicants are encouraged when appropriate to address cross cutting issues such as: **linking the natural and social sciences, humanities and arts; policy implications; economical and business issues; media involvement; gender ethical dimensions and public perceptions.**

### 1. Food

Food security; How to feed the world; Nutraceuticals; Genetically modified organisms; Food and climate change; Animal health

### 2. Health

Aging; Science of sport; Personalized medicine; Mental health; Neurodegeneration; Autoimmune diseases; Telemedicine; Diet and health; Obesity; Risk detection and communication; Future biomarkers – ethical and social issues

### 3. Energy, environment and climate

Regional climate impact; Sustainable living and moving; Renewable energy resources; Water; Geopolitics of energy; Natural disasters and the world in thermal policy; Weather forecasting; Urban rule shift; Eco buildings; Smart green cities; Technical innovations which shape the way we live – transportation, communication, work

### 4. Science and Culture

Science and art; How science provides meaning; Anthropology: the origin of human inventedness; What is art for? What is a human being? The concept of free will in cognitive science; Heritage science – preservation of artefacts and buildings; Artists who have drawn inspiration from the sciences

### 5. Science: Reshaping the frontiers of knowledge

The life and death of the universe; From genotype to phenotype; Constraints on science; Can science know everything? Deep space astronomy; Who are we, where did we come from and where we are going?

### 6. Information

Telecommunications; Surveillance; Digitalization of the arts; Search technologies; Is the World Wide Web going to collapse? Nanosensors;

Quantum computation; Nanotechnologies; Ethics data protection and privacy; Risk assessment; Social sciences; Is e-mail the end of history? Storage communication and display technologies

### **7. Science, Education and Innovation policy**

Media; FP8; European Research Area; Different funding policies: why they differ? What is the best way to fund research? Science of education and research; The idea of universities in the 21st century; Do universities matter? Pedagogy and the culture of education; Business models of innovation; How do you educate scientists to innovate? Where do ideas come from? Venture capitalists: how they innovate? Entrepreneurship; Publishing; The life of the researcher; Multiculturality of science

### **Public Engagement Programme January-December 2012**

The public engagement programme is for those with an interest in science and technology and their impact on art; literature; music; sport; communities; the economy; society in general. 2012 provides a unique opportunity to contribute to the national drive to make Ireland the European Capital of Science.

This could be by way of promoting an existing or pre-planned event/activity/idea or it could be something completely new. It maybe something an organisation would like to develop within their group/institution, or in partnership with others. Activities will be taking place in any format, indoor or outdoor, through the medium of theatre, film, exhibitions, workshops, debates, interactive dialogues, the list is endless!

A programme of events throughout Ireland will be compiled that will demonstrate the reach of science into almost every aspect of our lives - education, business, arts, sports, our communities. It touches and shapes our past, our present and our future. Our programme seeks to demonstrate this.

### **Partnership Symposia Series**

A key highlight at the Forum will be the Global Partnership Symposia Series in which eminent scientists from Europe and partnering nations/continents will discuss in a symposium format four critical global scientific topics as follows;

- **Europe & China** (Science and the City of the Future);
- **Europe & India** (Our Nuclear Future);
- **Europe & North America** (The Atlantic: a Shared Resource);
- **Europe & Africa** (Science for Economic Development).

## Partner Conference Programme

### Key Highlights

- Specialist scientific conferences
- Based in Ireland during 2012
- Mutual promotion opportunities badging/branding
- Listed as part of City of Science conference calendar
- Additional content for overall science effort during 2012

## Public Engagement Programme

### Key Highlights

#### *Science Serving Society*

*“By combining Irish culture with the best of what is occurring in the world of science, we will create a truly exceptional public engagement programme.”*

**Educational Institutions  
Cultural Institutions  
Societies  
Community Groups  
Venues  
Public Bodies  
Enterprise**

**Theatre  
Film  
Interactive Dialogue  
Exhibition  
Workshops  
Outdoor Events  
Debates**

The Call for Scientific proposals was launched early this year. Details available at the following link <http://www.dublinscience2012.ie/calls>

Also the Call for the Public Engagement Programme is available at - <http://www.dublinscience2012.ie/calls>

Get connected today: [www.esof2012.org](http://www.esof2012.org)



Follow us on: [#dub2012](https://twitter.com/dubscience2012)

**Dublin ESOF2012 - *Where Creativity and Great Science meet***