



## Call for Scientific Session Proposals

**Euroscience Open Forum 2012 - Dublin, July 11 – 15, 2012**

*Where Creativity and Great Science Meet*



*“The task is ... not so much to see what no one has yet seen, but to think what nobody has yet thought, about that which everybody sees.”*

*Erwin Schrödinger, Dublin Lectures, 1943*

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.

Throughout 2012 there will be a number of major events scheduled including;

- **ESOF2012 Euroscience Open Forum July 11<sup>th</sup> – 15<sup>th</sup> 2012**
- **ESOF2012 Public Engagement Programme January – December 2012**
- **ESOF2012 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.
- An **Enterprise Research** programme to link basic research with business and industrial applications.
- 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 **Media** programme to promote science communication.
- An **Exhibition** to showcase the best of European academic, public and private research.

A key highlight during the ESOF2012 Science programme 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 & USA** (The Atlantic: a Shared Resource);
- **Europe & Africa** (Science for Economic Development).

**Submissions are now being sought for the scientific programme. Please go to [www.ESOF2012.org](http://www.ESOF2012.org) to submit your session proposal.**

## Guidelines

- **Please read carefully the list of proposed themes listed on page 5 of this document.**
- **The deadline for submissions is 30<sup>th</sup> June 2011 at 12.00 hours GMT.**
- All submitted proposals will be reviewed and assessed by the Dublin City of Science ESOF 2012 Programme Committee. Please note that the Programme Committee may ask you to modify your proposal in order to accept it.
- Session proposals should take into account the following criteria as the Dublin City of Science ESOF 2012 Programme Committee will pay special attention to:
  - Relevance
  - Originality
  - Quality
  - Topicality
  - International Perspective
  - Interdisciplinary approach
  - Interactive session format
  - Potential to attract media interest
- Participants are responsible for the organisation of their sessions and speakers. The full range of conference facilities will be available. Participants' involvement in the event must be completely self-financed: this includes contributors' travel, accommodation and any organisational expenses. However, no registration fee will be charged to the selected participants. You cannot apply to Euroscience or Dublin City of Science 2012 ESOF committees for financial support.

## Submission Process

Please submit your proposal on the website: [www.ESOF2012.org](http://www.ESOF2012.org) and click on the calls tab. You will be redirected to the ESOF database. Create your free user account by registering with the database. Once you have completed your registration, log on to the system using your username and password. On your profile page, click on "add a proposal" .

### 1. Title of Proposed Session

Please limit the length of title of the proposal to 150 characters. Bear in mind that it is important to attract an audience, so the title should be descriptive, interesting and/or controversial.

### 2. Choose an ESOF

Please select "ESOF 2012" from the drop down menu.

### 3. Choose Programme Stream

Please select "Scientific Programme" from the drop down menu.

### 4. Choose a Theme

Please choose the most relevant Dublin City of Science ESOF 2012 theme under which to submit your proposal. [See page 6]

## 5. Choose a Session Format

Please choose a format for your session. Listed below are a number of suggested session formats but you are encouraged to choose innovative and creative formats for your proposal.

- Interactive round table(s): a flexible format with brief presentation and space for questions, answers and reactions
- Pro and con debate on a controversial topic
- Interview: proposers will provide an experienced interviewer and interviewee(s)
- Workshop: a flexible format, led by a speaker experienced in stimulating exchanges of views and using practical exercises
- Traditional panel discussion: maximum 3-4 speakers (maximum 15 minutes each) followed by extended discussion with audience
- Other: it is also possible to propose another format that suits your proposal, such as: Pecha Kucha (20 slides, 20 seconds per slide, followed by discussion), fishbowl session, lab sessions (computer based workshops), “unconference” sessions (facilitated, participant driven event with an informal approach), ‘silent disco’ format. Please explain why you have chosen your format and why it is preferable to those listed above.

Please remember that this is not a conventional scientific meeting: your audience may be diverse and interested but not necessarily knowledgeable in your field. It is recommended that you pay attention to the communication style. Please target your proposals at a scientifically literate but non - specialist audience. Be prepared to be flexible and patient, and be sure to leave sufficient time for questions and debate. *Please note that the session should be chaired by an experienced moderator nominated by you.*

## 6. Abstract

Provide a clear succinct abstract detailing the proposed activity (maximum 1500 characters). Highlight the relevance of the proposed subject and the objectives. Please do not list the speakers or summarise their presentations here.

## 7. Target Audience

Please choose one of the following (more than one choice is possible, up to a maximum of 3)

- Scientists
- Media
- Policy makers
- Industry
- General Public
- Students
- Other (please specify)

## 8. Scheduling

Sessions will last for 1 hour and 30 minutes with the last 30 minutes reserved for questions and discussion.

## 9. Special Needs and Remarks

Please specify if you have any non standard technical needs, or if you need a special room set up (e.g. multiple round tables, theatre style setting etc.), or make any other comment about your proposal.

## 10. Session Organiser

Please provide details of the session organiser who will be responsible for all organisational matters relating to the proposal. The Session Organiser must be present in Dublin. Please fill in all of the following fields:

- First name
- Surname
- Institution/organisation
- Address
- Telephone number
- Email

## 11. Speakers

Please provide a list of confirmed speakers. Please note that the Programme Committee reserves the right to re-examine proposals if the final list of contributors differs substantially from the initial proposal. Please fill in all of the following fields for each speaker:

- First name
- Surname
- Gender
- Age Group
- Discipline / field of expertise
- Institution/organisation
- Country
- Contact details (address, telephone number, email)
- Brief CV explaining why he/she has been chosen (maximum 1000 characters)

**Thank you for submitting your proposal.**

**Prof. Patrick Cunningham,  
Chair of the International Steering Committee**

**Prof. Luke O'Neill,  
Chair of the Programme Committee**

At the end of the evaluation process, you will be contacted by the Dublin City of Science ESOF 2012 Programme Committee. Proposals may be rejected, accepted or conditionally accepted, provided that you make the alterations suggested by the Dublin City of Science ESOF 2012 Programme Committee. Even if your proposal is accepted, the Dublin City of Science ESOF 2012 Programme Committee reserves the right to make editorial changes in the title and/ or abstract, or to modify the allotted time. If you have any questions or comments relating to the programme contact the project team at [info@esof2012.org](mailto:info@esof2012.org)

 Follow us on: **Twitter.com/dubscience2012 #dub2012**

## ESOF Dublin City of Science 2012 Themes

Proposals could address issues and questions such as those listed below each theme headline. Within each theme 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 21<sup>st</sup> 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