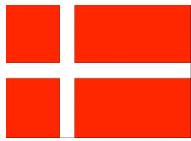


**Science on Stage
Festival 2011**

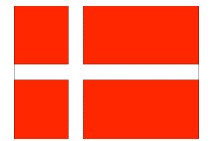


Welcome to

Science On Stage Festival 2011

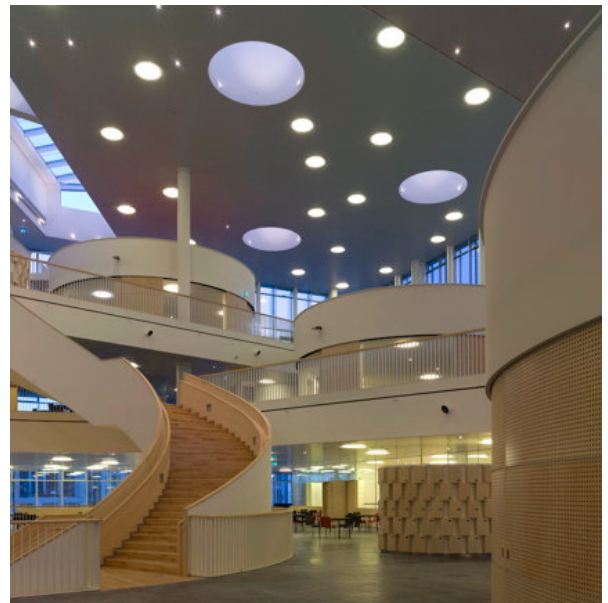


April 16-19 2011



Copenhagen, Denmark

"A Creative Network for European Teachers"





FRAMEWORK

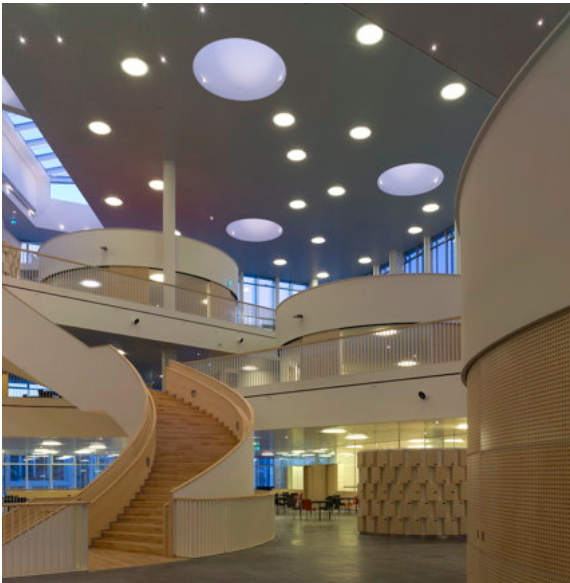
1. Duration and location

Period: 16.04.2011 - 19.04.2011. This is the Saturday-Tuesday just before Easter and are the first days of the Danish Easter school holiday – but before the international Easter holidays.

Place: Ørestad Gymnasium. This very new, modern high school is located close to (4 km, or 5 min. by train) Copenhagen Airport and next to the metro that runs to the Copenhagen centre in just 10 minutes. It is empty of pupils during the autumn holiday.

The Ørestad Gymnasium has very flexible facilities for exhibition, workshops, stage presentations and networking events.

Logistic: Everything takes place at the same location, and there are plenty of transport possibilities right outside the door.



The Ørestad Gymnasium is new and modern and provides splendid opportunities for the festival



The Festival venue is located close to the airport and to the city centre



2. Participants

The Festival will be open to 250 European participants and 100 Danish. The countries with greater population will have more participants. On one day, the festival will be open for Danish teachers to visit the exhibition.

3. Accommodation

Participants will be offered hotel accommodation with simple, but appropriate facilities, like wifi, breakfast and good public transport connections.

As a special offer to the participants we would like to set up a programme to organise private accommodation with Danish teachers to those who wants it. We hope that this will be a way to strengthen and improve the relations between teachers from different countries.

4. Sponsoring and Partners

The Danish Government, Ministry of Education has promised to sponsor the festival with 270.000 Euro. This is app. 2/3 of the total budget – and is a very significant contribution at this early stage. It also shows the great personal involvement of the Minister of Education, Mr. Bertel Haarder, who participated in the 2007 Grenoble Science on Stage and has been very enthusiastic about the event since.

With this basic funding and political support, additional partners from industry, organisations and foundations will be relatively easy to attract. Danish Science Communication is a very experienced fundraiser with good results from many other big projects.

5. Media

National press coverage will be carefully designed through the selection of media-friendly parts of the festival. A specially designed media event (for instance a world record attempt in physics) can be considered to get maximum media attention.

International media coverage will be organised in close co-operation with the European Festival Programme Committee.



Danish winner at Science on Stage 2007, Mr. Finn Skaarup Jensen at the prize ceremony (left) and in informal conversation in Grenoble with Danish Minister of Education, Mr Bertel Haarder (right)



6. National project management

The Science on Stage 2011 project is managed by Danish Science Communication (DSC).

About Danish Science Communication

Established in 2001, DSC has grown to a staff of 12 full time employees and app. 10 students. DSC is an independent organisation with financial support from the Ministry of Education and the Ministry for Science, Technology and Innovation as well as support from a large number of private foundations and industry.

DSC works almost exclusively on a non-commercial basis, and among the main activities are:

- Management of the annual Danish Science Week with app. 1/3 of the Danish elementary schools participating as well as more than 50% of the high schools.
- Management of the annual teacher's championship for innovative science teaching programmes
- Management of the national "young scientists"-competition for young talents
- Strategic development of science strategies in 24 municipalities all over the country
- Management of teacher activities in connection with the UN COP15 climate change summit in Copenhagen December 2009.

DSC has been national coordinator for the Danish participation in first Physics on Stage and the Science on Stage festivals.

DSC has a wide experience in organising international conferences and events, among the most important are:

- Public Communication of Science and Technology (PCST) world conference in Denmark and Sweden 2008 – organised together with the Swedish Research Council. 500 participants from 48 countries took part in a special network event in Copenhagen organised by DSC.
- ICE09 – Inspiring Climate Education. An international teacher's conference about climate change 12-15 October 2009 with participating teachers and NGO's from 40 countries.

National Steering Committee

The National Steering Committee will consist of members from the board of Danish Science Communication. It will have the overall responsibility for the financial and formal security of the project.

- Jens Oddershede, Chancellor, University of Southern Denmark
- Charlotte Rønhof, Director of Research Policy, The Confederation of Danish Industry
- Børge Diderichsen, Director of Research
- Jesper Vildbrad, Headmaster, Svendborg Gymnasium
- Kaare Øster, Consultant, VIA University College
- Anja Andersen, Ass. Professor, Niels Bohr Institute, University of Copenhagen



- Mai Louise Agerskov, Director, House of Science
- Mikkel Bohm, Director, DSC
- Erik Bruun Olesen, Ass. Professor, Odense Katedralskole, participant i 5 SOS-events

National Organising Committee

The National Organising Committee will have the overall responsibility for the practical management of the project. This committee consists of project managers and experienced teachers from numerous SOS-events. The committee is kept small to ensure efficiency.

- Mikkel Bohm, Director, (DSC)
- Erik Bruun Olesen, Ass. Professor, Odense Katedralskole, participant i 5 SOS-events
- DSC project manager – to be decided
- Helle Houkær, teacher, Krogårdskolen (secondary school), participant in Grenoble, two times winner of the national teacher's competition in Denmark.

7. Cooperation with European Festival Programme Committee

DSC fully acknowledges the division of work as described in the Berlin Declaration and thus are prepared to work closely together with representatives from the European Festival Programme Committee (EFPC).

In order to have a smooth cooperation, however, we feel that it is important at a very early stage to agree on the overall content, form, ideas and success criteria for the event. Our suggestion for these will be described below.



The Danish stand at Science on Stage, Grenoble 2007. The Danish Minister of Education is seen in the back row, centre.



8. Content – the overall ideas for the 2011 Copenhagen Science on Stage Festival

We are experienced participants in earlier Science on Stage (and before that Physics on Stage) events. Based on this experience, we think that the most important outcomes of the festival – for the *participants* – are the following:

- New inspiration for teaching methods and teaching content
- New personal contacts to colleagues all over Europe
- Insight into current topics within science teaching
- A boost of energy from just “being there” and experiencing the atmosphere

Apart from these direct benefits, a number of spin-off benefits can also be mentioned:

- Recognition from colleagues and management at one’s own school before and after the festival
- Media attention – locally and nationally
- Political attention – locally and nationally (in Denmark as seen through the Minister’s enthusiasm for the event)

The conference programme should be designed to promote these outcomes.

9. Motto

We suggest the following motto for the Science on Stage 2011 festival:

“A Creative Network for European Teachers”

This motto is chosen, because we want to highlight that the two most important factors of the festival are:

1. Enhancing science education through international networking and exchange of best practise
2. Focusing on the creative process in science. We think of creativity as twofold:
 - a. Promoting the creative process of science – exploring, finding new discoveries, to see science as the problem-solver of current challenges like climate change, population, pollution, communication and so on.
 - b. Creativity in the design of education. To engage young people in science, new creative ways must be found (focusing for instance on inquiry-based education), and the festival will highlight the very best of these.

10. Programme

As usual the festival programme components are

- Fair
- Workshops
- On Stage Activities (Performances and Talks)
- Forum (exhibition of foundations, publishers, companies etc.)
- Cultural Programme.



Apart from these categories we would like – as a new component – to introduce networking events (in line with the motto). DSC has long experience in organising set-ups to promote meetings between the participants, who otherwise may not get to know each other. Examples of such events could be:

- 2-minute introduction-to-each-other rounds
- Seating at lunch and dinner
- Game solving in groups

All this is designed to “break the ice” between participants and let them get to know even more international colleagues.

Another networking initiative is the above mentioned private accommodation programme with Danish colleagues.

Themes

We have not yet defined more detailed themes for the festival, as we feel that they should be developed by the European Festival Programme Committee. However, we will of course like to follow the ideas of the motto and work with creativity as one of the major themes.



Participants will have the opportunity to enjoy Copenhagen, for instance the picturesque Nyhavn harbour with plenty of restaurants



11. Practicalities

As mentioned above, Danish Science Communication will manage all practical aspects of the festival, including

- Fundraising
- Venue organising
- Programme – design of schedule
- Marketing materials, website
- Accommodation
- Social programmes
- All communication with participants and speakers
- Evaluation
- Book-keeping and accounts

The European Festival Programme Committee will assist in

- Making the formal call for participation
- Choosing the country delegations through the scientific committee

12. Budget

The budget is based in part on the experiences from the Berlin Science on Stage in 2008, in part from experiences of earlier conferences in Copenhagen. The below budget of 500.000 Euro the ideal budget – the festival can be organised for a minimum budget of 400.000 Euro.

We must keep in mind that the first 270.000 is already at this early stage guaranteed from the Ministry of Education. So there is a remainder of 230.000 Euro (following the ideal budget), which will have to be raised from Danish and European sources. We expect to be able to find a good part of these funds in Denmark, but we also hope for the European Science on Stage organisation to help find European funds.

Venue, Logistics	111.000
Marketing	20.000
Materials, Speakers, VIP invitations	42.000
Food and entertainment	92.000
Accommodation	70.000
Misc.	15.000
Project Management	150.000
<hr/> Total	<hr/> 500.000



13. Time frame

Below is our first draft for a time frame of the project.

The national events should take place during 2010, so the participants from each country should be chosen by October 2010

Winter 2009/10

First steps:

- Establishing good communication and meeting practise with the European Festival Programme Committee (EFSC)
- Initial planning for venue, accommodation and logistics
- Draft communications plan for website, distribution of call etc.
- Additional fundraising

January, 2010

Deciding themes and topics for the festival

March, 2010

First call for participation

September, 2010

Deadline for funding and sponsorships

September, 2010

Release of the temporarily program

October, 2010

Date for the NSCs to hand in their favourite national projects, (...and individual teachers, coming from countries without a national selection)

November, 2010

Selection of participants

December, 2010

Announcement of final Festival programme,

February, 2011

Registration of participants etc.

16-19 April, 2011

Science on Stage Festival, Copenhagen

May, 2011

Deadline for online evaluation

See you in Copenhagen!

