



SCIENCE ON STAGE **BELGIUM**  
is part of

SCIENCE ON STAGE **EUROPE**



The European Science teaching network



## A consultation platform for science teachers

SCIENCE ON STAGE is a European initiative which is supported by the European Commission, 7 large European research centres, the European Physical Society (EPS) and the European Association for Astronomy and Education (EAAE). SCIENCE ON STAGE is consulting platform which offers science teachers all over Europe to meet each other, to exchange ideas, to try out didactic methods, to look for experiments and to exchange material.

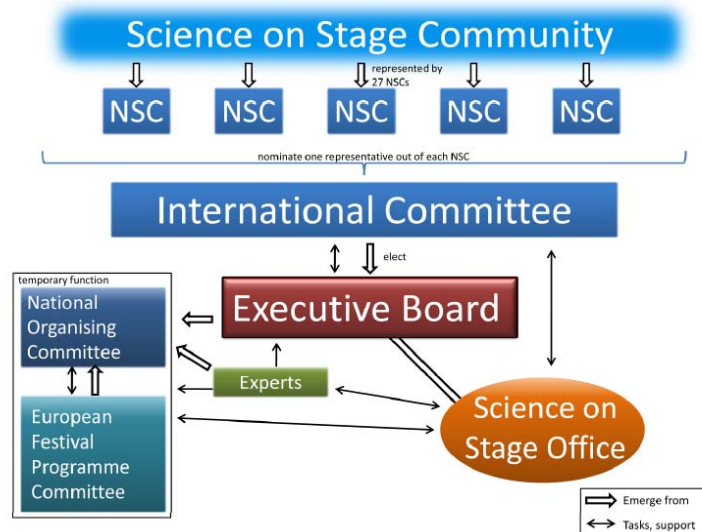
- **The 7 research centres are:**
  - The European Organization for Nuclear Research (CERN)
  - The European Fusion Development Agreement (EFDA)
  - The European Molecular Biology Laboratory (EMBL)
  - The European Space Agency (ESA)
  - The European Southern Laboratory (ESO)
  - The European Synchrotron Radiation Facility (ESRF)
  - The Institute Laue-Langevin (ILL)

- **Science on Stage Europe members are**

Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, UK, Switzerland and Canada.



- **The structure of Science on Stage Europe:**





## A consultation platform for science teachers all over Belgium

Almost all European countries have founded a local SCIENCE ON STAGE

In that way is founded in November 2007 the association SCIENCE ON STAGE **BELGIUM**

### Objectives of SCIENCE ON STAGE **BELGIUM**

- *Offer opportunities to stimulate the professionalism of teachers in Belgium.*
- *Stimulate the interest of pupils and students in science, in a scientific and in a non scientific career as well.*

## The purpose of **SCIENCE ON STAGE BELGIUM**

- 1) Stimulating the discussion and the contacts between science teachers from Belgium and other countries of Europe.
- 2) Making it possible to teachers of Belgium to exchange didactic methods and innovating experiments which are successful and can be easily done in the classroom.
- 3) Collecting and spreading:
  - Ideas over experiments who are confronting and made you think
  - Documents that a researcher of today should know.
  - Pedagogical skills that have proved their efficiency.
  - Using materials for experiments that are safe also for the environment
- 4) Organising meeting between science teachers
  - Looking for science teachers in Europe and invite them to show their experiments to their colleagues in Belgium and in Europe.
  - Distribute material so that teachers can do their research experiments in the classroom.
- 5) Participating and collaborating with the content of the magazine “Science in School » and distributing the versions of the magazine to the Belgium teachers.
- 6) Taking part to European festivals in other countries with the purpose to collect ‘good practice’ and to spread it to the science teachers in Belgium.

*You can find more information about the association on the website [www.scienceonstage.be](http://www.scienceonstage.be)*

## The structure of SCIENCE ON STAGE BELGIUM

The members of the association represent the educational field in Belgium:

- Teachers, professors of physics, chemistry, biology, maths, environment, geology...of all levels
- Representatives of education
- Representatives of universities and research centres
- Representatives of chemical, metallic and other industries
- Representatives of science museums
- Representatives of associations of science teachers.

In 2009, the members of the NSC (national steering committee) of Belgium are :

**President:** Marc Debusschere, physics adviser (DPB Gent).

**President of honour:** Arlette Dambremez, physics inspector and physics teacher (European School Brussels 1).

**Vice president:** Xavier van Kesteren, Market Communication manager , SOLVIN (SOLVAY group).

**Secretary:** Bernadette Lourtie, biology teacher (PROBIO).

**Finances:** Bernadette Anbergen, physics teacher (E. Solvay Charleroi.)

**Member NSC:** Henri Eisendrath, physics professor emeritus (VUB Brussels).

**Member NSC:** Patrick Walravens: science teacher (ZAVO, Zaventem).

**Member NSC:** Isabelle Querton: science teacher (European School Brussels 1)

## The activities of SCIENCE ON STAGE BELGIUM

To obtain the goals of the organisation SCIENCE ON STAGE BELGIUM organised different national events and took part to different meetings on European level.

SCIENCE ON STAGE organises festivals called PLAYFUL SCIENCE.

On each of those days there is:

- Presentations on scene of projects or experimental demonstrations.
- A fair where teachers can show their experiments which are made of cheap material and that can easily be reproduced.
- Several stands where professional participants show and demonstrate their didactic material.
- A game with five questions about five experiments from which you have to predict the result.
- A bag with experiments given for free which you can use directly in the classroom.

In particular,

SCIENCE ON STAGE BELGIUM has organised

- Playful science 1  
In the Royal Library of Brussels on the 15th October 2006
- Playful science 2  
In ZAVO at Zaventem on the 16th January 2008
- Playful science 3  
In Amicale Solvay at Jemeppe-sur-Sambre on the 28th January 2009

## SCIENCE ON STAGE BELGIUM

has participated or presented during the following activities:

- VELEWE (Vereniging leraars wetenschappen)  
Presentation (workshop and stand) for Dutch speaking science teachers
  - University Leuven 07 November 2007
  - University Gent 15 November 2008
  - University Gent 14 November 2009
- Musée Parentville (ULB)  
Exposition of science: all public
  - 06 May 2007
  - 27 April 2008
  - 26 April 2009
- Exposciences – JSB  
Stand of SonS for students and teachers in French and Dutch and game.
  - 3-4-5 May 2007
  - 7-8-9 May 2008
  - 12-13-14 March 2009
- Château de Seneffe  
Show organised by the UMH (Dr. Ph. Busquin), all public
  - 27 September 2008
- Spring of Sciences (Printemps des sciences)  
Show for all public organised by the universities:
  - 16 March 2008: UMH, FPMs, Mons.
  - 25 March 2009: FUNP Namur
  - 28 and 29 March 2009: UMH, FPMs, Mons.
- BPS ( Belgian Physical Society)  
University of Hasselt: presentation for teachers science and students bachelor in science
  - 01 April 2009
- Dare science (Ose la science)  
Presentation for teachers and students during the official ceremony and giving prices of Exposons.
  - 25 April 2009
- Pluralistic congress of Science  
Formation of science teachers speaking French
  - 25 August 2005: Louvain la Neuve; stand with experiments
  - 24 August 2006: Louvain La Neuve: stand with experiments
  - 26 August 2007: Gembloux stand with experiments
  - 27 August 2008: Mons, stand with experiments of biology
- WeWidag (day of science and maths)  
KaHo Aalst: stand and presentation for science teachers (Dutch speaking part of Belgium).
  - 21 May 2008



## The trump cards of SCIENCE ON STAGE **BELGIUM**

- SONS **BELGIUM** is playing a vital role for exchanging international competences for all science teachers in Belgium.
- SONS **BELGIUM** pays attention to all scientific disciplines and in that way focuses on the importance of interdisciplinary questions in the world of today.
- SONS **BELGIUM** exchanges information with the sister organisations of SCIENCE ON STAGE EUROPE and uses European competencies.
- SONS **BELGIUM** is supported by researchers of the great European research centres.
- SONS **BELGIUM** has good contacts with different ministries of education and science popularisation.
- SONS **BELGIUM** collaborates with Jeunesses scientifiques, Mens, Velewe, APPBC, BPS, BBS, EPS, Probio, Essencia...

## The budget of SCIENCE ON STAGE BELGIUM

- SONS BELGIUM is a non profit organisation.
- For the financial balance, SONS BELGIUM is dependent on sponsors.
- SONS BELGIUM is working with a group of motivated and enthusiastic teachers, advisers, professors and industrials, all volunteers.
- In order to realise all the goals, Science on Stage BELGIUM is continuously searching for new sponsoring.

### Budget for 2010

|                                   |                |
|-----------------------------------|----------------|
| Organising Playful Science        | 3000 €         |
| Science activities                | 2000 €         |
| Exchange with European colleagues | 2000 €         |
| Website administration            | 1000 €         |
| Bookkeeping                       | 200 €          |
| General administration            | 500 €          |
| Travel expenses                   | 2000 €         |
| European festivals                | 3000 €         |
| Gifts for Playful Science         | 2000 €         |
| Prices for game Playful science   | 300 €          |
| <b>Total</b>                      | <b>16000 €</b> |

# The project of SCIENCE ON STAGE BELGIUM

## ON NATIONAL LEVEL

SCIENCE ON STAGE BELGIUM will organize:

- Playful science 4,  
European School, Brussels 1,  
The **27 February 2010** from 10h till 16h;
- Playful science 5,  
In 2011  
In the Flemish region.

## ON EUROPEAN LEVEL

SCIENCE ON STAGE BELGIUM hopes to get the necessary funds to ensure the presence of some Belgian teachers in the next European festival that takes place in Denmark from 16 till 19 April 2011.

More information on [www.scienceonstage.be](http://www.scienceonstage.be)



Science on Stage  
Festival 2011

WELCOME TO

**Science On Stage Festival 2011**

April 16-19 2011

Copenhagen, Denmark

"A Creative Network for European Teachers"



## The sponsors of SCIENCE ON STAGE BELGIUM

### SCIENCE ON STAGE BELGIUM

Had the support on material and financial help of different organisations and sponsors and we want to thank them for that.

With their support we already had nice activities and good results in the past.

Despite of their efforts, this was unfortunately still not enough to reach all the goals we wanted to reach with Science on Stage Belgium.

*A list and website of our sponsors can be looked up at our site [www.scienceonstage.be](http://www.scienceonstage.be)*

## Conclusion

- SonS BELGIUM stands for collaboration between science teachers in Belgium
- SonS BELGIUM became a real support and a good help for education in science, especially on experimental level. SonS Belgium contributes to deliver competent teachers which are necessary to support the economy.
- The actors within SonS BELGIUM have already proven their competencies and expertise in several meetings and organisations.



### VZW Science on Stage Belgium

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