

Call: H2020-ISSI-2015-1

Topic: Pan-European public outreach: exhibitions and science cafés engaging citizens in science

Contact person: Sébastien Zaghdane

E-mail address: sebastien.zaghdane@unamur.be

Phone number: 0475/26.31.86

Proposition of an interactive exhibition:

Sciences at the cinema

« I love you... Me neither. » Sciences and cinema have an ambiguous relationship. They keep trying and finally find each other... but don't (always) get on well with each other. Science inspired the greatest film directors. Whereas some of them depict their muse with a sometimes stunning realism, others allow themselves some freedom; in order to sublimate it, or accidentally. However, behind these pictures, sometimes true, sometimes false, a great deal of learning opportunities is hiding.

Popularized texts, pictures, video sequences, serious games and 3D modelling are on the programme of this educational, playful and interactive exhibition. **Sciences at the cinema offers an innovative and original pedagogical experience thanks to the augmented reality!**

New, daring or especially original aspect of the project:

The exhibition calls on the augmented reality. This technology is currently underused in the field of education. The use of augmented reality is a noteworthy asset in terms of learning.

It is for example not so easy for a secondary school pupil to imagine a molecule in the space. In order to visualize it, he has to use a molecule kit (including marbles and sticks). Thanks to the augmented reality, molecules are modelled in 3D so that the pupil can handle them from his tablet.

Thanks to Sciences at the cinema, we also wish to promote this optimal **use of digital material in the classroom to teachers and schools.**

Atout Sciences has been working for a year on a prototype. We are now looking to develop and spread it.

Atout Sciences presentation

Atout Sciences is the sciences diffusion and promotion unit of the University of Namur. The aim of the unit is to restore Science to an honoured place in society, by arousing the interest of young people and the people at large.

The objective of Atout Sciences is based on three fundamental values:

- Being at the service of Knowledge;

- Making research accessible;
- Supporting citizenship through scientific education.

For more than ten years, the unit has been creating, coordinating and increasing the value of original and far-reaching projects or events which attract more than 10.000 people each year!

Atout Sciences is part of the Scité intercampus network, which – under the aegis of Wallonia – joins together the five science diffusion units of all the Faculties of Sciences of the Wallonia-Brussels Federation's Universities (Fédération Wallonie-Bruxelles). The unit also benefits from many partners in the cultural environment and associations. Atout Sciences is member of the European Science Events Association.

Each year:

1. Design and composition of exhibitions + animations ("Les nanos s'exposent", "The Universe A side/B side", "Sciences at the cinema", ...);
2. Training for scientific animators;
3. Organization of the "Sciences Spring" in Namur: a reference event for early-learning activities and scientific education;
4. Organization of the "European Night of the Researchers"
5. Writing and publishing of a free monthly journal: diffusion of sciences and popularizing;
6. Participation in exhibitions: Innova, Euroskills, Salon de l'éducation, Congrès pluraliste des sciences, ... ;
7. Organization of a sciences club in close collaboration with a school: analysis of a specific scientific and society aspect with experts (nanos, energy, aids, ...);
8. Organization of cinema-debates: Nature Festival of Namur, FIFF, Cultural House of Namur, ... ;
9. Particular events (congresses, Night of the Darkness, ...).

Teaching and pedagogical aids for all of these activities.

Promotion of these different activities on the web and web 2.0, press relations,

Most of our activities are free of charge.
