

SCIENCE CAMPS

Science Camps are one great answer to the lack of young peoples interest in STEM, trying to engage them in scientific questions and helping them develop a positive attitude towards these fields. Not only the career decisions, but also the development of scientific literacy is the aim. Being held by many and various organizations, science camps have no common strategy, no continuing financial support nor a scientifically prove for the outcome.



Science camps provide many opportunities for young people to develop their own creative solutions for scientific and technical questions. Apart from classroom learning they help to discover own solutions, made possible through inquiry-based learning. The connection with stakeholders from companies (especially SME) and staff of academic institutions enables young people to find role models in scientists and engineers. Especially it plays a vital role for girls' female scientists and engineers.



The field of STEM provides future employment in comparable big numbers, and the lack of young people in this field is seen as a problem for the whole of Europe. Especially girls are seen to be underrepresented, so that an encouragement of girls will be rewarding.

THE PROJECT

The partners have a wide regional range as well as a background from public to private and from universities to non-profit-organizations. They are experienced in science camps, science contests and have all in all thousands of participants per year.



The project is organized through three pan-European conferences from 2013 to 2015, helping to build the network, adjusting the strategy of evaluation and forming a common understanding of best practice. These results will be spread in regional workshops and offered as models for schools.



Parallel to this, the network wants to foster collaboration among the organizers of science camps, local companies (especially SME) and regional universities and other academic institutions. It is planned to involve stakeholders and to convince local people to support future camps. Interested persons from other countries are invited and will be informed of the results on conferences and on the projects website.



The project wants to establish a network with three aims:

1. Connect different camp organizers to form a strong connection among European countries, exchange best practices and researches on development of these camps.
2. Connect summer camps to local companies with technical and science products as well as regional universities, technical universities and other academic institutions working in the STEM field.
3. Extract practical ideas and research-based results from the science camp inquire based programs to bring them to classroom practice in schools located to the science camps regions.



SCIENCE CAMP ACTIVITIES

All activities in science camps are supported by ICT. Thus ICT is not only the target, but also the vehicle to acquire scientific literacy as well as ICT literacy. The pedagogy of the science camps is as well dominated by collaborative, self-steered learning, a practice seen to be necessary for future employees.

OUR FUTURE ACTIVITIES

REGIONAL WORKSHOPS IN PORTUGAL

- Lisbon, 29th May 2015
- Porto, July 2015

For more information: schaves@fjuventude.pt

TALENT PROVIDING ACTIVITIES IN DENMARK

MAERSK SCIENCE CENTER, DENMARK

- Master Class Junior Camp on astronomy and space, Soroe, 22-24th October 2014
- National Talent Conference, Soroe, 22-24th October 2014
- ScienceTalent College, Camp 4 on brain chemistry, Soroe, 30th November – 3rd December

DANISH PARLIAMENT COPENHAGEN

- National Talent Day, 7th of May 2015

For more information: uffe@sciencetalenter.dk

FINAL CONFERENCE

- Berlin, Germany, 7th to 9th of October 2015

For more information and registration contact: christian.kubat@geo.uni-halle.de

MORE INFORMATION

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MORE INFORMATION
ABOUT THE PROJECT

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