



PROGRAMUL DE COOPERARE ELVEȚIANO-ROMÂN  
SWISS-ROMANIAN COOPERATION PROGRAMME



**Name of project:** Bacău and Lugano – teaching Informatics  
for a Sustainable Society (BLISS)

**Activity Agreement:** PF10

**Executing Agency:** “Vasile Alecsandri” University of Bacău

## **Report on the activity**

### **A5. Workshop on project-based learning**

The BLISS A5 activity "Workshop on the Project-based Learning" took place on October 22<sup>nd</sup>, 2014, at the University Library, situated in Spiru Haret Campus of the Vasile Alecsandri University of Bacău. The activity was designed as an integrative project, aimed to transfer to the young participants some information on modern learning methods.

The workshop began at noon with participants' reception and informal talks, allowing their integration and helping them in knowing better. After the welcome speech of Elena Nechita, the BLISS manager, Professor Gabriel Lazăr gave a presentation on sustainable development of the human society. Several theoretical considerations on project-based learning were presented by Associate-professor Venera-Mihaela Cojocariu and lecturer Cerasela Crișan. Their presentation also included several examples of successful projects devised by students in Computer Science from important universities from Europe.

Professor Lacrămioara Mărgineanu from "Gheorghe Vrănceanu" High School College, Bacău presented two successful projects developed by the college students in cooperation with foreign educational institutions.

Associate-professors Bogdan Pătruț and Constanța Dumitriu launched the student contest "Best Teamwork Project", explaining the contest rules, timeline and evaluation steps.

Ștefan Arsene, a graduated student from the Faculty of Sciences, Informatics domain presented his dissertation work: an Arduino-based robot for controlling an intelligent house. As an example of broad robot project, the participants saw the presentation movie of the **Swarmoid** project, ranked first in the AAAI 2001 Video Competition.

The last presentation was delivered by Mihai Bondar, Head of Business Development from SCC Services Romania. As a representative of the business environment in Bacău, he talked about the industrial challenges in designing a good project.

The activity ended with free discussions and formal event closing.

A statistic of the participants is as follows:

- 50 students of UVAB (35 at bachelor degree and 15 at master level)
- 19 members of UVAB team
- 1 secretary at the International Relations Office of UVAB
- 2 representatives of SCC Services Romania
- 50 representatives of 4 high schools from Bacău and Onești.

The A5 activity gathered students from Vasile Alecsandri University of Bacău and four High schools from Bacău county, academic personnel, industrial partners and members of BLISS team, in order to present the project-based learning concept and also several successful projects in Computer Science.

The materials related to A5 were organized and stored. The visibility of the action was ensured at local and national level.

October 23, 2014

Responsible person,  
Cerasela Crişan

