Minutes of transnational meeting Romania Iasi 11 -16 October 2011

13 October

Opening speech – headteacher Mihaela Toma from Grup Scolar Nicolina

Presentation of each institution/questions and answers:

- "Centro de Formación Profesional Daniel Castelao" presented by Elena Lago
- Northern Regional College presented by Irvine Abraham and William Watson
- I.T.I.S. "E. Mattei" presented by Massimo Zandi
- Kainuun ammattiopisto-liikelaitos presented by Risto Virkkunen and Mauno Heikkinen
- AEVA presented by Ana Ribeiro

Grup Scolar Nicolina – visiting the school facilities. Strenghts and weaknesses, resources, problems, future plans.

Presentation of main aspects of RACE project and distribution of tasks

Fixing next transnational meetings:

Italy – 28 -30 March 2012

Portugal – 14-16 May 2012

14 October

ProEduca presented by Lucie Brzakova

Debate on the structure of the workshops on How to build your robot. The final agreed structure:

Workshop 1 - IT 28-30 March 2012

Theme: Introduction to Servomotors

- Relevance of servomotors in robotics.
- Servomotor types.
- Practical demonstration of servomotors.
- In this workshop, each participant can present servomotor applications (depending on each one’s budget).

**Workshop 2 Portugal 14-16 May 2012**

Theme: How to control a Servomotor:
- Relevance in robotics.
- Servomotor types.
- Practical demonstration and explanation on the control electronic circuit.
- In this workshop, each participant can assemble its own circuit (depending on each one’s budget).

**Workshop 3 Spain Sept 2012**

Theme: How to use sensors and detectors
- Examples in robotics.
- Practical demonstration and explanation of sensors and detectors used in robotics.
- In this workshop, each participant can assemble its own detector/sensor (depending on each one’s budget).

**Workshop 4 UK early Dec 2012**

Theme: How to control the speed of a DC motor
- Relevance in robotics.
- Practical demonstration and explanation on this kind of electronic circuit assembly.
- In this workshop, each participant can assemble its own circuit (depending on each one’s budget).

**Workshop 5 Finland March 2013**

Theme: Introduction to robot programming
- Presentation an explanation of a microcontroller
- Relevance in robotics.
- Developing a simple demonstration program using C programming language
- In this workshop, each participant can develop its own program (depending on each one’s budget).
**Final workshop Middle May 2013 – Czech Republic**

Final work: In the last meeting, there will be a practical demonstration of a working robot, as a summary of all the above workshops.

Age range of students involved: 15-22

Other mutual decisions:

The logo of the project will be created:

- Proposals sent by email to the coordinator until around 1rst December 2011
- Voting the best logo (a group of 10 people)

The website will be created by AEVA

The e-upload of materials and documents will be ensured on a moodle platform (UK responsible) by the coordinator.

Every partner will take in charge the minutes of the transnational meeting organized in own country.

Best practice frame will be suggested by coordinator and every partner will deliver an example of good practice.

The presentations used during this transnational meeting will be send via email.