

WELCOME TO 2ND STEM NEWSLETTER

Erasmus+ KA2: "Clean, green future through STEM-sports clubs"

Call 2020
Round 1 KA2 -
Cooperation for
innovation and the
exchange
of good practices

KA202 - Strategic
Partnerships
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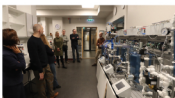
Communication team:

stemclubs@googlegroups.com

General aspects

Kick-off live in Odda (Norway)

In the time between 23 and 24 September 2021 the lead partner hosted in Odda the kick-off meeting. As a number of meetings have regularly already taken place online, the project is in full progress and the partners have been able to discuss further content issues like: the next partner meetings and learning activities, intellectual outputs milestones, national and international promotion and dissemination of the project and its results.



Odda means:

- Presentation of partner and their specifically skills.
- solaris outlined the proposed Questionnaire, part of the intellectual output no.1, the purpose of the discussion being the role assigned to this questionnaire and future steps in its use.
- Proposals regarding content and design of the project website, made by the Czech Partner The South Bohemian Company for Development of Human Resources.
- Presentation of the project dissemination concept by the Italian partner T2I - Trasferimento Tecnologico e Innovazione Scrl and by the Hungarian partner, Piarista Gimnázium, Kollégium.

National events

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Germany (solaris FZU gGmbH Sachsen)

Since its foundation in 1976, The Electronic Informatics Workshop, based at the solaris Förderzentrum für Jugend und Umwelt gGmbH Sachsen, support interested children in a career-oriented manner to develop skills and competences in the technical field, especially in electronics, computer technology and informatics. At the beginning of the fall holiday the Workshop held the 5-day specialist camp in Germany. One of the highlights was the building of a printed circuit board for an electronic compass with a microcontroller. This makes possible to display the direction of the compass using 16 LEDs. The beginners soldered their first functional circuit - a changeable flasher and the computer scientists dealt with image processing with Photoshop. This camp is held yearly and is a landmark in the work of the organization.



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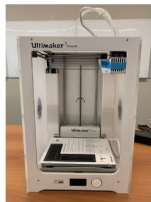
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Italy (T2I - Trasferimento Tecnologico e Innovazione Scarl)

Veneto Region: Starting from October 28th, 13 offices and libraries in 12 municipalities of the Veronese Province (Veneto region) become "Digital Gyms", places to bring young people (and even not!) closer to the issues of information technology applied to people's lives. Available to citizens: equipment, workstations and qualified personnel to promote digitalization, computer literacy and the conscious use of digital tools. All the initiatives of the Digital Gyms are free and can be enjoyed face to face or remotely on the Zoom platform. T2I, partner of STEM Club Project, is collaborating animating the "Digital Gyms" and providing extra curricula training for teachers and students on the topics of Open Data and the creation of specific Apps in response to local needs.



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Hungary (Piarista Gimnázium, Kollégium, Általános Iskola és Óvoda)

1. Tours in the Laboratory másolata

In order to help students primarily from class 11-12 find their best choice in the maze of higher education offers, the Öveges Students' Laboratory organizes tours in the laboratory. Due to these tours students may try out the tips and tricks of assembling, testing, as well as they can experience how a 3D printer is working and thus be part of the planning phase, too. They could also analyze robot controls, and furthermore they can test different programming algorithms. Tours are not only open to students from class 11 and 12 but also to any student interested in these topics.



2. Researchers' Night at Öveges Students' Laboratory

This year we had the pleasure to announce that the Researchers' Night at Öveges Students' Laboratory was again organized on 24th September 2021. Visitors could find such programs as escape room, mini volcanic activities, cardiopulmonary resuscitation in practice, and finding the engineer of the future in themselves. Youngsters, grown-ups, experienced and anybody interested were most welcome to these events where they could take part in experiments, solve puzzles and answer tricky questions in order to find their ways out of the locked room, as well as deliver interesting tasks in the field of engineering and information technologies.



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3. National Talent Program - STEM CLUB

The main events of the current National Talent Program entitled A visionary natural modernity focus on strengthening the competences on mathematics, science and digital awareness of students from class 10. The workshops are carried out in the Öveges Students' Laboratory of the Piarist School from Kecskemét where 14 students can master comprehensive complex knowledge on chemistry, physics, geography and information technology. Due to these occasions they are presented with the opportunity to improve and enrich their skills and way of thinking.



Czech Republic (The South Bohemian Company for Development of Human Resources)

The South Bohemian Company for Development of Human Resources continues its international cooperation within ERASMUS+, where this year it launched a new project, a project aimed at popularising technology, science, mathematics and IT knowledge through extracurricular activities – workshops and clubs for children at primary schools.

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The South Bohemian Company for Development of Human Resources has prepared the first of a series of workshops for primary school pupils and their parents, which should in a fun form full of competitions and games. The aim is to bring children closer to technology, programming and directing them to study technical disciplines, so as to achieve a sufficient number of qualified employees in the South Bohemian Region.

The first workshop entitled "THE DAY WITH A ROBOT", focuses on robots and robotics, their assembly, use and programming. It was intended for children aged 10-12 and their parents, which was carried out by experts who have prepared a three-hour program full of competitions, entertainment, which also carries a form of educational character.

The next workshop is planned for the 24. October 2021 in the property of the South Bohemian Chamber of Commerce.



Upcoming Events:

19 - 21 of January 2022 Partner meeting in Budějovice (CZ)