

A transnational Meet and Code event



The project "A transnational Meet and Code" presented by Scuola di Robotica and dedicated in particular to girls was accepted by the organisation and Scuola di Robotica started to contact the school associations in Italy, Romania, Moldova and Turkey.

The project is dedicated to presenting the activities of girls in coding and educational robotics in four countries.

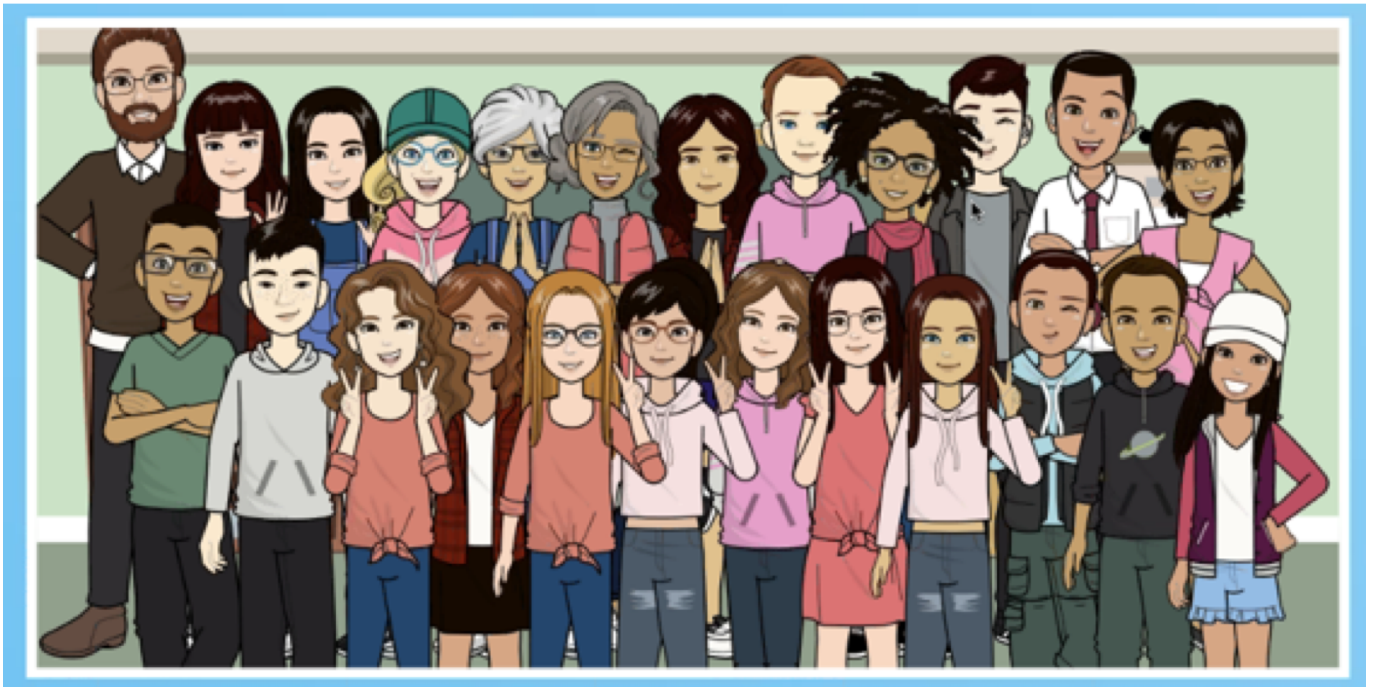
Originally, the idea would have been to connect schools and associations dealing with educational robotics in those countries and have the girls exchange programs for robots and then, in an online event, show the robots in action.

Unfortunately, COVID-19 often prevented female students from entering the workshops. So, we turned the project into a transnational Storytelling, where the girls - and there were also many boys - exchanged stories about their daily life and other girls programmed them with Scratch, creating animations.

Throughout October there was an exchange of text stories in English (all the girls wrote in English) and then they all started to program other girls' stories in Scratch.

On 29 October a final event took place, which brought together online many girls from the four participating countries.

Here the event on line: <https://attendee.gotowebinar.com/recording/2500068850345287947>



The Participants

THE PARTICIPANTS



GirlsGoIT (Moldova)

With an experience of 5 years, the GirlsGoIT programme encourages girls and young women to go into the field of technology from an early age, choosing the STEM (science, technology, engineering and mathematics) educational path and giving girls and young women in the field of technology and through technology the possibility to have a better future education and job opportunities.

Studies and careers in Science, Technology, Engineering and Mathematics (STEM) are less popular among girls than among boys despite the fact that in Europe and Moldova, in particular, there is a shortage of ICT professionals, but only 24% of IT students are girls. The aim of GirlsGoIT is to contribute to a greater involvement of girls and young women in IT, through training courses and internships in technical-professional colleges, in order to offer them career opportunities in IT with a well-paid job. We do this through training courses and mentoring in technology education using the STEM (Science, Technology, Engineering and Mathematics) approach and offering internship opportunities in partner companies.

GirlsGoIT is a project developed and implemented by TEKEDU, a non-profit organization in Moldova. Our GirlsGoIT experience has reached more than 2000 girls in more than 20 areas of Moldova, with the support of our partners who have contributed to GirlsGoIT Impact and Growth.

The site: (<https://girlsgoit.org/>)



IIS Cellini, Valenza, Italia

The Benvenuto Cellini Institute of Higher Education is located in Valenza, a small town in Northern Italy, located between Turin, Milan and Genoa, known as "the city of gold" because it is one of the most important centres for gold working and jewellery design/production. The school has several study areas (Liceo Scientifico, Liceo Scientifico Sperimentale-quadriennale, Liceo Scientifico Scienze Applicate, Liceo Linguistico, Liceo Artistico).

With the aim of forming personalities who, alongside the aesthetic, historical and philosophical dimension, know how to develop the scientific dimension understood as a "spirit of research and innovation", in recent years experimental activities have been introduced that explore the world of educational robotics, coding, tinkering, making and 3D printing, introducing teaching by nodes, based on the transversality of disciplines and the development of soft skills.

The main aim of the institute is to make students aware of the value of knowledge, know-how and being, acquired in the course of studies and the role they can play in individual life projects.



IIS Natta De Ambrosio, Sestri Levante, Italia

In the year 1996/97 the current I.I.S. "G.Natta-G.V." was born. "Deambrosio" comes from the union of the headquarters in Sestri Levante (Genova) with the Professional Institute for Industry and Handicraft of Chiavari (Genova), has always distinguished itself in the field of methodological-didactic innovation. In 1994/95 the educational offer of the Institute was enriched with a new experimental approach: The Liceo Scientifico-Technological High School, which has now entered the system with the new wording of Liceo Scientifico Opzione Scienze Applicate; it is a modern Scientific High School, which combines a solid basic and specific preparation in the scientific and humanistic field, with the study of new information technologies, which in this curriculum take over the teaching of Latin.

In 2013/14 the Technological Sector of the Technical Institute will focus on Informatics and Telecommunications, which will complement the already consolidated courses in Mechanics, Mechatronics and Energy and Electronics and Electrotechnics.

Robotics at Natta De Ambrosio: the institute has participated twice in the First Lego League with a team of students from both the technical and high school. It participated with a fifth class electronics technician in the Erasmus RoboIP project on the use of a FESTO robotic arm. A second class of the scientific lyceum has carried out a project promoted by Liguria Digitale "il robot spazzino del mare" (sweeper of the sea).

Teachers: Alessandra Alba and Gloria Drei

THE PARTICIPANTS

Ana Grecu

I'm a primary school teacher. In the last three years I have taken many courses to learn how to use technology in the classroom. That's how I became Digital Guidance Ambassador and mentor of the Scratch-CoderDojo club Valea Doftanei. Together with my students, I participated in many eTwinning projects, projects that we would not have been able to do if we had not used technology. My students and their parents understood that the use of technology in learning is one of the most important skills of the eleventh century.

Liceul Tehnologic "Carol 1", Valea Doftanei, Romania



İsmail Kaymak Elementary / Middle School

İsmail Kaymak Elementary / Middle School is located in Turkey, in the district of Çanakkale. Çanakkale province has a European (Thrace) and an Asian (Anatolia) part. The European part is formed by the Gallipoli (Gelibolu) peninsula, while the Asian part is largely coterminous with the historic region of Troad in Anatolia. They are separated by the Dardanelles strait, connecting the Sea of Marmara and the Aegean Sea.

The school is named after İsmail I Kaymak. He was born in 1945 in the Bayramiç district of Çanakkale, as the child of a family of tradesmen. He sees carrying the name he received from his grandfather by serving the society like him as the basis of his childhood goals.

Since there is no school in the village where he is located, he continues his primary education in schools in three different settlements. This educational struggle, which he experienced during his primary school education, ensures that the school he will establish in the following years creates the ideal of quality education.

After his education at Çanakkale Teacher Training School, he completed the education associate degree program at Anadolu University Open Education Faculty in 1988. İsmail Kaymak, who has worked as a primary school teacher for 28 years in various institutions affiliated to the National Education, besides being a teacher, presides in village development cooperatives, various activities for dairy farming, agriculture and livestock breeding, and the commercial relations he has established enable him to fulfil his promise during school. The school, which it started in 1996, was completed in 2004 and reached its goal.

He opens the doors of his school to raise contemporary, honest, democratic, socially qualified, free-thinking individuals on the path of Atatürk's principles and revolutions.

Teachers: Selma Cambaz and Zafer Aktaş



Educloud, Turkey

Educloud is Cloud-Based Next Generation Academic Planning, Management, Collaboration And Communication Solution For Teacher, Student And Parents. The area of expertise of Educloud can be described as developing education and training programs and courses according to needs of companies and target groups, generally focusing on required skills. Educloud develops interactive education courses that include participants to the learning process. Educloud carries out analysis studies such as gap, process, equipment and and vocational analysis with experienced team. Our team members experienced on ICT technologies as well such as "Interactive Software" and "Web based Software", interactive software generally grouped into two groups which are Augmented Reality (AR) and Virtual Reality (VR).



School of Robotics, Italy

Scuola di Robotica

Scuola di Robotica (School of Robotics) is a no profit Society appointed as Educational and Training Center by the Italian Ministry of Education, Research and University. A Committee consisting of robotics scientists and of scholars in Humanities has instituted School of Robotics (2000). Actually, School of Robotics is upholding the transdisciplinary of its mission.

The aim of the "Scuola di Robotica" is to promote the knowledge of the science of Robotics among students and young people, in the range of undergraduates, to teachers and the general public. It provides for the widest practicable and appropriate dissemination of information concerning the results of the R&D in the field of Robotics, ICT and of other complementary technologies, disciplines of other disciplines (Artificial Intelligence,



Daniela Stresna of GirlsGolt



Mihaela Cattalan of GirlsGolt



The «Cellini» Team



The Teams

Ana Grecu, Romania, Liceul Tehnologic "Carol 1", Valea Doftanei

GirsGoIT, Moldavia: Daniela Stresna, Mihaela Cattalan

IIS Cellini, Italia: Klara, Miriam, Viola, Sofia, Teresa, Sofia, e la Prof. Giulia Beltrami

IIS Natta De Ambrosis, Italia: Sofia Ronan, Sofia Franceschini, Teresa Gardella, Giovanni Massimi, e Lorenzo Macciò e Prof. Alba e Drei

Scuola Media İsmail Kaymak, Turchia : Bensus Goksu Mehmet Melin Sarp e i Professori Selma Cambaz, Zafer Aktaş, e Caner Anda

Scuola di Robotica, Italia: Fiorella Operto, Emanuele Micheli, Federico Cevasco

The Girls and Boys' Stories

Mihaela Catan

Hello! My name is Mihaela Catan and I am a 16 year old IT passionate girl from Republic of Moldova. My IT journey started when I was 13 years old. It all started with Scratch, Pascal, then continued with HTML/CSS, JavaScript and Python.

My Python journey started this summer when I got accepted into an IT summer camp organized by GirlsGoIT. During 4 weeks I have been studying Python and Data Science. After this summer camp, I had a nice Data Science internship for a month at Orange.

This whole experience made me love Python and want to continue my journey.

Sofia, Teresa and Sofia

Hi girls, our names are Sofia, Teresa and Sofia. We are students of the scientific high school applied sciences option of Natta-Deambrosis in Sestri Levante, a little town in the province of Genoa, Italy. During the lockdown, in addition to online lessons, to spend the days, we became chefs and sporty.

In the kitchen we would pass from bread to chocolate cakes by filling ourselves with flour from head to feet so that we have something different to eat every day. Finished preparing we had fun playing ping pong on the kitchen table with our family and it's pointless to say who the worst were. During the online lessons that we followed on Google Meet, we were practising some karate moves. In the morning, while we tried to become young Bruce Lee, we spent the afternoons studying together.

During the lockdown, in addition to online lessons, to spend the days, we became the best of board games and brought out our little puppy, Chuck. We followed online lessons on Google Meet in the morning and in the afternoon we enjoyed teaching Chuck little moves. In the evening we relaxed by inserting some part of our tiny 1500 pieces puzzle that depicts our beautiful Alps.

Aurora

Hi I am Aurora and this is my daily routine. I wake up at 7 o'clock and I have breakfast. After that I brush my teeth and I dress up for school. I go to school at 7.35 because lessons start at 7.45. I do lessons until one o'clock and then I go home and I have lunch. After lunch I do my homework until 5 p.m. Sometimes I have the video lessons in the afternoon so I finish my homework later. On Monday, on Friday and Saturday I play volleyball from 6 p.m. to 8 p.m.

After volleyball I go home and I have dinner at half past 8 p.m. After dinner I have a shower and I brush my teeth.

Around 10 p.m I go to bed and I watch tv for a while and finally I go to sleep at 11 p.m.

Viola

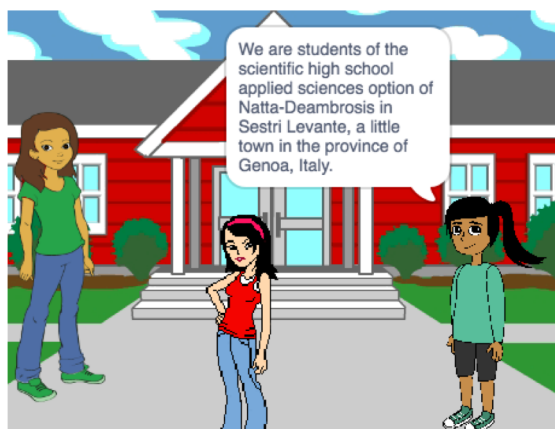
Hi, I'm Viola. I wake up at 6.45 in the morning and I usually have breakfast with my parents. Then I get dressed, I brush my teeth and I wash my face to wake me up completely. When I finish, I brush my hair and my mum takes me to school at 7.45 (it's very early!). The lessons finish at 1 o'clock so I go home and I cook lunch for my brother and me. I can relax for an hour and on Monday and Wednesday I have to do my video lessons from 3 p.m. to 5 p.m.; the other days from 3 to 5 I do my homework. After that on Monday, Thursday and Friday I do the athletics training till 7.30 p.m. and when I return home I have a shower. I have dinner with my family at 8.30 p.m. and then I finish my homework and I prepare my backpack. Finally I wash my teeth, I chat with my friends and I go to bed at about 11 o'clock.

Klara

Hi, my name is Klara. During the week I wake up at 7:00. I go to the kitchen and I have breakfast and after I brush my teeth. At 7:30 I go to school on foot. I get home at 13:00 and I have lunch with my family. If I don't have much to do, after lunch I sleep for an hour. Then I do my homework and I help my sister with her homework. If I have time I make a video call with my best friends. Before dinner I play with my sister and my brother and then I have dinner with my family. If I have free time I paint or read a book. I brush my teeth and then I go to bed at 10:30.



Melin Arya's story coded in Sractch
by Andrei Christian



Sofia, Teresa, and Sofia's story coded in
Scratch by Broscuta Sefa



Mihaela Calan's story coded by



Mehmet Emir's story coded by Delia Ioana



A story coded by Fender