



Project Number: 2018-1-PT01-KA203-047361

ME3 – MathE Multiplier Event - EUROPEAN PROJECTS IN ACADEMIA

Iasi, Romania

15.07.2021

Minutes

Participants

Nr.	Name	Organization
1.	Martinaș Lucia	GPP "SF. SAVA"
2.	Cioclea Cipriana	Colegiul Economic Administrativ
3.	Farzikhosronshahi Cristina	Școala Gimnazială Specială "C. Păunescu"
4.	Murariu Adrian	UMF
5.	Iftene Adrian	UAIC, Facultatea de Informatică
6.	Azoicăi Doina	UMF
7.	Maței Mioara	UMF
8.	Mihai Cosmin	Cluster Imap-Mol
9.	Elefteriu Crina	Liceul Teoretic Mihai Costin
10.	Mironeanu Otilia	Școala Gimnazială EUROED
11.	Paraschiv Cosmina	Școala Gimnazială Specială "C. Păunescu"
12.	Manole Alina Mihaela	UMF
13.	Hultoană Simona	Insight Training
14.	Dănilă Simona	GPP "SF. SAVA"
15.	Cuibari Loredana	GPP "SF. SAVA"
16.	Tănase Simona	GPP "SF. SAVA"
17.	Cojocar Alina	GPP "SF. SAVA"
18.	Bonciu Daniela	GPP "SF. SAVA"
19.	Țăran Cornelia	GPP "SF. SAVA"
20.	Burgheava Rodica	GPP "SF. SAVA"
21.	Stan Ala	GPP "SF. SAVA"
22.	Alexa Giorgică	Colegiul Național Octav Băncilă
23.	Lupuleasa Daniela	Liceul Economic
24.	Munteanu Emil	Colegiul Național
25.	Andrei Silvia	Școala Gimnazială "Ștefan Bărsănescu"
26.	Rusu Gabriela	Colegiul Național
27.	Orza Vlad	Școala Gimnazială EUROED
28.	Apetrăcheoae Alexandra	Teach 4 RO
29.	Gugoășă Adina	UAIC
30.	Iancu Mioara	Școala Gimnazială Ciurea
31.	Pașnicu Nadia	Școala Gimnazială Ciurea
32.	Loghiu Mariana	Școala Gimnazială Ciurea
33.	Pascal Gabriela	Școala Varlaam
34.	Ștefancu Daniel	Școala Gimnazială Specială "C. Păunescu"
35.	Serea Adela	Școala Gimnazială Specială "C. Păunescu"
36.	Colibaba Cintia	USAMV/USV
37.	Călin Ioana	USAMV/USV
38.	Cerbu Maria Iulia	USAMV/USV
39.	Forăscu Corina	UAIC
40.	Rogori Anca	GPP "SF. SAVA"



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The Multiplier Event gathered 40 local participants from outside the MathE project partnership.

The aim of the event, concerning the involvement of target group, was to bring together staff members from the academic sector, universities, to share their experiences in working in European projects, and to transfer to the pre-university sector.

The participants are:

- 10 academic staff from 3 public universities in Iasi
- 17 secondary school teachers from 9 secondary schools in Iasi county
- 10 educators from primary sector in Iasi
- 3 trainers and projects managers from 3 organisations in Iasi

All the participants are working in the education sector and their registrations for participation in the MathE Multiplier event, have been accepted based on their interest in increasing their knowledge and competences in developing Erasmus+ projects. In this context, the MathE project has been presented as an example.

The organization of the event was distributed in 4 sections:

- 1) The academic environment and European projects. About the benefits of the Erasmus+ Programme

In the introduction of the event, as the first section, the hosts decided to present and speak to the participants about the Erasmus+ Programme and about the variety of benefits that can bring to the educational process and to the professional and personal development.

The Gheorghe Asachi Technical University of Iasi discussed about the impact of the Erasmus+ Programme at the academic level and about the context in which the MathE project was developed. From this presentation, Professor Marcel Roman mentioned about the essential role the MathE project had on the support of the teachers teaching process during the COVID19 online teaching crisis.

The session was an introduction and an invitation to teachers to get more involved in educational projects, highlighting the variety of opportunities.

- 2) Presentation of the project MathE - Improve Math Skills in Higher Education – Aim, Results, Activities

This section included:

Presentation of the project main project tangible results are 3 intellectual outputs: Students' Assessment Toolkit; Online Math Library of Video Lessons and Educational Material; Teachers' and Students' Community of Practices.

Presentation of the Project Activities: Involvement of target groups; Student's Assessment Toolkit; Online Math Library of Video Lessons and Teaching Materials; Teachers' and Students' Community of Practice; Training Activity; Multiplier Events.

Presentation of the project target group: numbers of lecturers and students and what Universities are involved at EU level.

Presentation of the Intellectual Output 1 Student's Assessment Toolkit; discussions on the types of Self-Assessment or Final Assessment questions.

Presentation of the Intellectual Output 2 Online MathE Library of Video Lessons and Teaching Materials with review of uploaded videos and their impact usage at students' level during the pandemic teaching process.



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Presentation of the Intellectual Output 3 Community of Practice with focus on the Students' Community and on the Lecturers' Community; discussing about the opportunities the 2 communities offer in sharing expertise on topics like Experiments using MathE; Motivational tips in Math Subjects; Scientific publications in Math Educational; Math teaching tools; Activities using Activity-Based Learning.

Presentation of the results of the C1 – Training course with its Objectives on How to identify and assess students gaps in Math; How to create effective TEL and digital based teaching sources for Math; How to cooperate with international colleagues in the Community of Practice. The Training had a total duration of 40 hours, including individual work by the participants and the participants received as certification: ECTS credits according to the duration of the training course.

3) Presentation of the project MathE project portal

As practical activity, Professor Marcel Roman presented the project portal to the participants, including a simulation action about how to register to the portal as lecturer or as student, and what can be accessed and how tests can be done, along with the results review and connections to the video lecturers and other useful links.

The portal was well received, and for the participants was easy to navigate and appreciated the efficiency of the platform and the consistency in offering support to students to understand how to solve math questions.

Indeed, the platform was evaluated as being very useful for the online teaching –learning process.

4) Debates on European projects in academia

Starting from the MathE example of EU project, participants were involved in discussions about type of projects, activities with highest impact and best results in benefit of target group can be obtained from EU projects, along with the huge opportunities for transnational cooperation and exchange of expertise among institutions and participants.

The event ended with the Conclusions and evaluation, feedback collection. The presenters highlighted the most important aspects about the need to continue to use the MathE platform and how important and useful are the resources created for the present and future blended teaching-learning process.

The conclusions achieved:

- I consider that the educational resources presented today are extremely interesting, bringing useful information.
- New, innovative and highly useful and important educational resources.
- The benefits to the educational environment are motivational for e-learning,
- These projects are particularly important because through them such valuable and useful information reaches the educational environment.
- I really liked the mathe platform, especially the feedback given by the students' answers.
- Within these projects, new platforms / applications are developed that can be used in the teaching-learning-evaluation processes, but also in the awareness of the problems around us.
- Technology-enhanced learning; diversification of teaching approaches; creating and developing a community of practice; facilitating the exchange of ideas, experiences and good practices for sustainable development; developing strategic partnerships, initiating interdisciplinary approaches, innovative solutions.
- Very interesting to use new methods of education, especially for the ex-academic environment.
- A positive impact. At Project Math, I liked the fact that the student is shown what he should do when he has not solved a problem correctly.



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- The Mathe project is very interesting, the platform is extraordinary for students, but also for teachers. Perhaps it would be interesting to create material for middle and high school students, especially for those who want to excel and participate in the Olympics.
- Plus value for teachers, pupils and students → better anchoring in reality.
- I particularly liked the clear and to the point presentations, with useful information, transmitted in an organized and efficient way.
- I especially appreciated the expanded availability of e-resources.
- Promoting tools that allow students to learn and practice mathematics at their own pace, inside or outside the classroom; a brilliant project given the pandemic context we are in.



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