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# PRESS RELEASE

## European Project Le-MATH

Learning mathematics through new communication factors

(November 2012 – October 2014)

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After one and half years, the European Project Le-MATH, has closely completed the development of a new methodology for the learning and teaching of mathematics to students of age between 9 and 18 . This new methodology introduces two new set of tools, which have been specifically created in order to be used in the training of teachers who teach mathematics to students aged 9-18. These two new tools are:

**A. MATHeatre:** Teaching and learning mathematics through math theatre activities.

**B. MATHFactor:** Teaching and learning mathematics through mathematics communication activities.

For this purpose, a new platform has been created, in which one can find a set of good practices that are used globally in the teaching of mathematics through mathematical theatre activities and through mathematics communication activities. Furthermore, two guidebooks have been drafted that will help teachers to develop the aforementioned tools in their classroom. The final form of the guidelines will be ready for publication by the summer of 2014, in 10 different languages. The first draft of the guidelines has been already published on the webpage of the [www.le-math.eu](http://www.le-math.eu) and they were used during the pilot phase of the project, by teachers and students participating in the finals of MATHFactor Europe 2014 and MATHeatre Europe 2014.

The whole process of the competitions, MATHFactor Europe 2014 and MATHeatre Europe 2014 serves basically as the pilot procedure of the project that examines the effectiveness of this new methodology. During the first phase of the competitions, more than 200 pupil and teachers participated, by submitting their work electronically. After the evaluation of the contestants, 120 pupils and teachers from Cyprus, France, Czech Republic, Lebanon, Greece, Italy, Bulgaria, Romania, Slovenia, Croatia and Serbia have been invited to take part to the competition finals (phase 2). The final phase of both competitions is organized during the European Student Conference in Mathematics EUROMATH 2014, which is taking place on the 24-28 of April 2014 at the Hilton Cyprus hotel at Nicosia. EUROMATH is organized under the auspices of the Minister of Education and Culture of Cyprus, Dr. Costas Kadis. More specifically, the finals of MATHFactor Europe 2014 will take place on Saturday 26 of April 2014 at 17:00 pm and the MATHeatre Europe 2014 competition, on Sunday 27 of April 2014 at 9:30 am. The venue of the competitions is Hilton Cyprus hotel (Ballrooms A, B, C) and the final contests are open to the public.

In MATHFactor Europe 2014, the contestants will have three minutes at their disposal to impress the judges and the audience, through a fun and innovative oral presentation that contains mathematical accuracy and at the same time is understandable and enjoyable to a non-mathematical audience.

The finalists of the MATHFactor Europe 2014 competition, for students of age 9-13, are the following:

Student's name	Country	Title of the presentation
Theodora Pappa	Cyprus	Similar Triangles
Demetris Baros	Cyprus	The area of the circle
Emilia Kylbergerova	Czech Republic	Euro banknotes



The finalists of the MATHFactor Europe 2014 competition, for students aged 14-18, are the following:

<b>Student's name</b>	<b>Country</b>	<b>Title of the presentation</b>
Niya Nikolaeva Georgieva	Bulgaria	Fractals and Dragons
David Emanuel Lukšić	Croatia	Diffie-Hellman Key Exchange
Vladimir Pronin	Cyprus	Monty Hall Paradox
Elizaveta Sokolovskaya	Cyprus	Pigeonhole Principle
Aikaterini Iakovou	Greece	Diophantus
Sandra Jelcic	Serbia	Sweet Mathematics
Veronika Martinčič	Slovenia	Infinite chocolate

In MATHeatre Europe 2014, the contestants will have 5-12 minutes at their disposal to impress the judges and the audience, by using their acting talent, through a mathematical play that contains mathematical accuracy and at the same time is understandable and enjoyable to a non-mathematical audience.

The finalists of the MATHeatre Europe 2014 competition, for students aged 9-13, are the following:

<b>Name of the School</b>	<b>Country</b>	<b>Title of the Theatrical Play</b>
ZS Fr. Plaminkove	Czech Republic	Prime Kingdom
College Saint Charles, Guipavas	France	The Best European Mathematician
College Saint Charles, Guipavas	France	Falling bodies
*College Pier an Dall - Corlay	France	The thief
Marconi – Istituto Comprensivo di Maniago	Italy	Just for one euro
Colegiul National "Coriolan Brediceanu"	Romania	The Legend of Number 10

\*this school decided not to participate in the finals.

The finalists of the MATHeatre Europe 2014 competition, for students aged 14-18, are the following:

<b>Name of the School</b>	<b>Country</b>	<b>Title of the Theatrical Play</b>
Petko Rachov Slobeikov Secondary School	Bulgaria	The Mantle of Time
First English Language School	Bulgaria	Who is who on the Bi-extreme island
The G.C School of Careers	Cyprus	The Doors
Emporiki Scholi Mitsi Lemithou	Cyprus	Who killed Mr X
Leonard de Vinci	France	A journey to a strange ocean
College Anita Conti	France	The Riddle
Al-Hadi institution for deaf, blind and learning disabilities	Lebanon	Welcome back rectangle
Gimnazija Bezigrad, Ljubljana	Slovenia	Saving private Goldbach

The videos of the presentations and the theatrical plays, which made it to the final phase of the competitions, can be found in the following address: [www.le-math.eu](http://www.le-math.eu).