



# 3D-ReMath

## International Conference

"Overcoming mathematics learning difficulties using technology and ecology"



# PROGRAM

## 30th September 2021

### Hybrid conference

For more information: <http://3dremath.espress.gjinternational-conferences/>  
Registration: <http://3dremath.espress.gjregistration/>

PARTNERS



30<sup>th</sup> September 2021

PROGRAM

*Greek Time Zone*



**11:45 – 12:00 Zoom Connection**  
**Greek Time Zone**



**12:00 – 12:45 Welcome & Opening**  
Moderator: Ms. Ioanna Kasampa

## Opening and Welcome Speech:

**Prof. Maria Mavri**, Vice Rector of Research & LLL, University of the Aegean, Coordinator of the 3D-ReMath Project

## Welcome Speeches by the Honorable Guests:

**Mr. Pantelis Bougdanos**, Regional Vice Governor of Chios at North Aegean Region

**Mr. Stamatis Karmantzis**, Mayor of Chios

**Mr. Gonçalo Lopes**, Mayor of Leiria

**Mr. Paulo Clemente**, President of Marrazes and Barosa

**Ms. Barbara Campi**, Municipal Councilor of Sarzana

**Ms. Gloria Rossi**, Referent for Erasmus projects for the Regional School Office of Liguria

**Prof. Manolis Christofakis**, Head of Business Administration Department, University of the Aegean

**Ms. Maria Papadaniil**, Regional Director of Primary and Secondary Education in the North Aegean

**Mr. Georgios Mastorakis**, President of the Hellenic Mathematical Society (Chios Charter)

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**12:45 – 15:00** SECTION A: **Keynote Speakers**



Moderator: Prof. Rosa Maria Bernardes de Almeida

**12:45 – 13:15 | Ms. Maria Gkountouma**, EU Political Affairs Assistant, Representative of European Commission, DG Education, Youth, Sports and Culture (EAC)

*“Digital education Action Plan 2021-2027: Resetting education and training for the digital age”*

**13:15 – 13:35 | Dr. Ioannis Antoniou**, President of IEP, Representative of Institute of Educational Policy

*“Reference Framework of Competences on primary and secondary education”*

**13:35 – 13:55 | Prof. George Karagiannidis**, AUTH, Department of Electrical and Computer Engineering, Greek Representative of European Research Council

*“3D Printing and Digital Twins”*

**13:55 – 14:10 | Mr. Filipe Santos**, Teacher of Educational Technologies at the Polytechnic of Leiria. Coordinator of Master on Pedagogical Use of ICTs

*“Can the development of a 3D digital game promote math skills?”*

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**12:45 – 15:00** SECTION A: **Keynote Speakers**



Moderator: Prof. Rosa Maria Bernardes de Almeida

**14:10 – 14:25 | Ms. Ourania Lampou**, STEM Instructor,  
Global Educator Greek Ministry of Education & Religious  
Affairs Greek Astronomy & Space Company

*“The importance of STEAM education in curriculum 4.0”*

**14:25 – 14:40 | Dr. Aris Mavrommatis**, Mathematician - Art  
Theorist School of Fine Arts, Department of Fine and  
Applied Arts, University of Western Macedonia

*“Mathematics Education through 3D Digital Models”*



**14:40 – 14:50** Q & A



**14:50 – 15:00** Short Break

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**15:00 – 17:10** SECTION B: Experience & lessons learnt from 3D-ReMath Consortium  
Moderator: Ms. Veronica Giannetti

**15:00 – 15:20 | Prof. Maria Mavri**, Vice Rector of Research & LLL, University of the Aegean

*Presentation by the Coordinator of 3D-ReMath  
(3D Printing technology aims students at understanding maths and recycling procedure)*

**15:20 – 15:35 | Ms. Polina Tetteri**

*Presentation by the Director of the 2nd Primary School of Chios*

**15:35 – 15:50 | Mr. Saverio Bagnariol, Ms. Veronica Giannetti**

*Presentation by the School Director and Head of Teachers of the ISA 13 Istituto Comprensivo Sarzana*

**15:50 – 16:05 | Mr. Jorge Edgar Brites**

*Presentation by the Director of the Agrupamento des Escolas de Marrazes*

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**15:00 – 17:10** SECTION B: Experience & lessons learnt from 3D-ReMath Consortium  
Moderator: Ms. Veronica Giannetti

**16:05 – 16:15 | Ms. Sofia Varla, Ms. Ioanna Kasampa**

*Presentation by the teachers of the 2nd Primary School of Chios “Ecology and maths through 3D-printing in primary teaching and learning”*

**16:15 – 16:25 | Ms. Simona Coassin, Ms. Veronica Giannetti, Ms. Patrizia Giorgi, Ms. Carla Grimaldi, Ms. Maria Teresa Iesce, Ms. Lucia Marchini, Ms. Paola Novelli Ms. Maria Elena Priolo, Ms. Paola Luchesa, Ms. Lucia Rizzello, Ms. Maria Antonietta Scolozzi, Ms. Michela Vestito**

*Presentation by the teachers of the ISA 13 Istituto Comprensivo Sarzana “Overcoming mathematics learning difficulties through 3D and waste management*

**16:25 – 16:35 | Ms. Luciana Santos, Ms. Sonia Frade, Ms. Maria João Pereira**

*Presentation by the teachers of the Agrupamento de Escolas de Marrazes “The importance of 3D printing in math learning and environmental preservation”*

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**15:00 – 17:10** SECTION B: Experience & lessons learnt from 3D-ReMath Consortium  
Moderator: Ms. Veronica Giannetti

**16:35– 16:40 | Student from the 2nd Primary School of Chios**

*Student presentation (Greece)*

**16:40 – 16:45 | Student from the ISA 13 Istituto Comprensivo Sarzana**

*Student presentation (Italy)*

**16:45 – 16:50 | Student from the Agrupamento de Escolas de Marrazes**

*Student presentation (Portugal)*



**16:50 – 17:00** Q & A



**17:00 – 17:10** Short Break



**17:10 – 19:00** SECTION C: Presentations by academia “Overcoming mathematics learning difficulties using technology & ecology”

Moderator: Dora Chatzi Rodopoulou

**17:10 – 17:20 | Sofia-Niovi Maragkoudaki, Aikaterini-Georgia Mavroeidi, Panos Mazarakis, Stavros Stavridis, Angeliki Kitsiou, Christos Kalloniatis**

*“The impact of 3D printing on cultural organizations' ecological operation”*

**17:20 – 17:30 | Sofia Chanioti, Elpida Ferentinou, Eleftheria Klontza, Demetris Francis Lekkas**

*“Capacity building in circular economy – starting from Primary School”*

**17:30 – 17:40 | Patricia Ikouta-Mazza, Dimitris Papandreou, Maria Mavri**

*“3D Printing in Education: The case of Smart schools as a mean to achieve the Sustainable Development Goals on Smart Cities”*

**17:40 – 17:50 | Maria Koltsaki, Evgenia Fronimaki, Patricia Ikouta-Mazza**

*“The potential of 3D printing integration in educational system: a brief review of opportunities and challenges”*





**17:10 – 19:00** SECTION C: Presentations by academia “Overcoming mathematics learning difficulties using technology & ecology”

Moderator: Dora Chatzi Rodopoulou

**17:50 – 18:00 | Evgenia Fronimaki, Athanasia Kadrefi, Maria Koltsaki, Dora Chatzi Rodopoulou, Maria Mavri**

*“A survey analysis of the adoption of 3D printing technology”*

**18:00 – 18:10 | Maria Teresa Iesce, Michela Vestito**

*“Even Tetra Pak has a heart”*

**18:10 – 18:20 | Maria Teresa Iesce, Maria Elena Priolo, Paola Novelli, Veronica Giannetti, Beatrice Galli**

*“DigiGreen”*

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**17:10 – 19:00** SECTION C: Presentations by academia “Overcoming mathematics learning difficulties using technology & ecology”

Moderator: Dora Chatzi Rodopoulou

**18:20 – 18:30** | Maria Teresa Iesce, Paola Luchesa, Simona Coassin

*“Giona: let's save the sea”*

**18:30 – 18:40** | Maria Mantzorou, Aspasia Serdari, Michail Kostopoulos, Constantinos Giaginis

*“Diet quality impacts mental health aspects of university students”*



**18:40 – 18:50** Q & A



**18:50 – 19:00** Closing Session

# 3D-ReMath International Conference

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Keynote Speakers

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Registration: <http://3dremath.aegean.gr/registration/>

PARTNERS



Keynote Speakers

Thursday 30.09. 2021



**Maria Gkountouma**  
EU Political Affairs Assistant,  
Representative of European  
Commission, DG Education, Youth,  
Sports and Culture (EAC)



**Dr. Ioannis Antoniou**  
President of Institute of Educational  
Policy (IEP)



**Prof. George Karagiannidis**  
Department of Electrical and Computer  
Engineering, AUTH  
Greek Representative of European  
Research Council



**Filipe Santos**  
Teacher of Educational Technologies  
Polytechnic of Leiria



**Ourania Lampou**  
STEM Instructor, Global Educator  
Greek Ministry of Education & Religious Affairs  
Greek Astronomy & Space Company



**Aris Mavrommatis**  
Department of Fine and Applied Arts,  
School of Fine Arts  
University of Western Macedonia



Registration Link:

<http://3dremath.aegean.gr/international-conference/>



Conference Zoom Link:

<https://aegean-gr.zoom.us/j/96952918541>



3D-ReMath Site Link:

<http://3dremath.aegean.gr/>

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