

# WEBINAR: Making Science Real in Schools – Best practices for Creative STEM Classrooms

Wednesday 17/6/2015, 17:00-18:00 CET, 18:00-19:00 Athens time zone (GMT+2)

## Agenda

**18:00 – 18:05 Introduction** (Irene Pateraki, etwinning NSS)

**18:05 – 18:15 Making Science Real in Schools: an introduction to the MARCH project** (Sofia Papadimitriou, Ph.D, Educational Radiotelevision)

**18:15 – 18:20 Q & A**

**18:20 – 18:30 Become Galileo’s Assistant** (John Chiotelis Ph.D, M.Sc. Physicist)

**18:30 – 18:35 Q & A**

**18:35 – 18:45 Live streaming: the life cycle of invertebrate** (Marina Lanzouni, M.Sc. Biologist/ Oceanographer)

**18:45 – 18:50 Q & A**

**18:50 – 19:00 Discussion**

## Speakers

### Sofia Papadimitriou

Sofia Papadimitriou has studied Mathematics and Computer Science (M.Sc) in the Athens National University. Her PhD entitled “The role of tutor-counsellor and the development of his supporting mechanism in a collaborative learning environment in distance education” regards in the field of Open and Distance Learning in Higher Education and has been developed in the School of Humanities at the Hellenic Open University. She has been an ICT Secondary teacher since 1990 and also an educator in ICT training courses for primary and secondary teachers. She has been working in the Educational Radio-Television, since September 2007 and she coordinates its Social and Digital Media. Furthermore, she has coordinated 5 working groups in the Educational RadioTelevision for the European projects: EduTubePlus:, MEDEAnet, March (MAke science Real in sCHools). Sofia has also participated in the “Energy-bits”, a cross media European project distributed in Television and the Web. Plus, she has participated at the development of the “Photodentro/Educational Video” which is the Greek Educational Video Repository for primary and secondary education, designed and developed by CTI Diophantus in the framework of the “Digital School”. Sofia has co-authored three book chapters and published 26 papers in scientific conferences and journals on the topics of Open and Distance Learning, using Media in Education, Open Educational Resources, Academic staff development and STEM (papers and presentations are available at the URLs: <http://eap.academia.edu/SofiaPapadimitriou>, <http://www.slideshare.net/sofiapapadi>).

### Ioannis (John) Chiotelis

Ioannis (John) Chiotelis is a Ph.d. M.Sc. Physicist. Since 2008 is serving the Greek Secondary Education and after evaluation (2013) has joined the Model Experimental High School of University of Patras. He is highly proficient in

spoken and written English and has a good working knowledge of Deutsch. He has participated in more than thirty Scientific Conferences, seminars and workshops, while he was a keynote speaker in most of them. He has more than 500 hours of laboratory-didactic experience at the University, while he is currently a postdoctoral researcher at the Department of Primary Education of the University of Patras.

He has several national and European distinctions in Science with most prominent the European Discriminations on his educational scenarios. Furthermore, he has also been awarded with an honorable mention for his pioneering introduction of new technologies in everyday educational practice. He has participated in more than 60 educational activities, supervised more than 30 innovative actions, programs and research papers, and currently was appointed as Ambassador of the European programs: ODS (Open Discovery Space) and ISE (Inspiring Science Education) in Western Greece. He is the composer of two highly successful European ERASMUS + Programs and currently participates in other three Educational European Projects. He is the author of 11 researches – scientific papers that have been published in international and national scientific journals.

Finally, he is the creator of certified educational material (officially approved), while he has edited the Book of Proceedings of the 3rd International Conference "Schools as Learning Organizations" held in Athens in September 2014. He is currently interested in holistic approach of Physics through Inquiry Learning Educational Scenarios.

### **Marina Lantzouni**

Marina Lantzouni is turning 41 this year. She studied Biology (Aristotle University of Thessaloniki) and holds an MSc in Oceanography (University of Athens). Marina participated in various scientific projects both at the Universities and the National Centre for Marine Research, including topics like a native sea anemone, amphipods (sand hoppers), pollution of Evoikos Gulf, sea turtles and the stowaway organisms invading the Mediterranean sea on ships from Suez Canal. During that period, she attended one congress after another with posters and announcements. From time to time, she would write articles on popular magazines about nature's oddities, or translate biology books from english to greek for Katoptro Publications. In her basement she has stored amphipod samples that could lead to a PhD one day, especially since they may be harbouring an undescribed new species. In 2013 she was one of the finalists of the "Famelab" competition, and since then she has been involved in Science Communication by participating in "Stand Up Science" acts. She's been teaching in public high schools since 2003, but not consecutively as she's also been giving birth to four children. Besides those, she also has a husband, chickens, turkeys, geese and a couple of thousands snails to take care of.