



# 14th Scientix Projects' Networking Event

## Research into the classroom

Athens, 5 September 2018

### Table of Contents

Introduction.....	2
Objectives .....	2
Target audience .....	2
Date and venue .....	2
After the event.....	2
Programme (Wednesday 5 September 2018).....	3

Supporting organisations:



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## INTRODUCTION

Many European countries are lagging behind in international educational studies such as PISA and TIMMS, particularly in areas such as science, mathematics and reading. There is a strong need for innovative approaches to increasing the motivation of pupils towards STEM subjects and for offering teacher training into innovative ways of introducing science into the classroom. Additionally, there is still much work to be done in improving the image of scientists at the societal level. Initiatives that help demystify science and the scientific paradigms, and which connect pupils with real scientists can create a long lasting positive impact concerning the poor image of scientists. Moreover, connecting schools with the world of research is an essential step in ensuring that the research sector will benefit from much-needed talent in its various fields and that students are thought to navigate the claims and counterclaims bombarding us in our everyday lives.

The 14<sup>th</sup> SPNE brings together project and organisation representatives activating in STEM education to discuss these concerns and explore best practices in bringing research into the classroom. The event will run in conjunction with Scientix Conference in Greece, which will take place between the 3<sup>rd</sup> and 4<sup>th</sup> of September.

## OBJECTIVES

The aims of this 14<sup>th</sup> Scientix Projects Networking Event co-organized by Scientix, [GFOSS – Open Technologies Alliance](#), [Jet Propulsion Theatre](#), [EDU-ARCTIC](#) and [ERIS](#):

- To share successful experiences and initiatives of bringing research into the classroom.
- To discuss the importance of science outreach programmes in dispelling negative stereotypes associated with science and research.
- To define a set of recommendations of follow up actions on bridging research and classroom practice.

## TARGET AUDIENCE

20 to 30 participants, including experts, and project and organisation representatives working on the topic, as well as researchers, teachers, policy makers, SMEs and other interested education practitioners (but it is not a teacher training event).

## DATE AND VENUE

5 September 2018, 09:30 AM – 15:30 PM

Innovathens (TECHNOPOLIS City of Athens, Building Aeriofilakio 2, 100, Pireos str. Gazi, 11854, Athens, Greece)

## AFTER THE EVENT

The organizers will collect ideas, comments and general conclusions agreed between participants during the workshop. The results of the discussion will be published in a Scientix Observatory article co-authored by all participants. For more information on Scientix observatory papers, please see: <http://scientix.eu/observatory>

## PROGRAMME (WEDNESDAY 5 SEPTEMBER 2018)

Time	Session
09:30 – 10:00h (30')	Welcome coffee and registration
10:00 – 10:10 (10')	Welcome to the event and brief presentation on Scientix
10:10 – 10:40 (30')	Presentations from co-organisers: <ul style="list-style-type: none"> <li>• GFOSS – Open Technologies Alliance: Open Technologies and STEM education</li> <li>• EDU-ARCTIC and ERIS</li> <li>• Jet Propulsion Theatre</li> </ul>
10:40 – 11:30 (50')	5' presentations from supporting organisations and guests <b>(tbc)</b>
11:30 – 11:45 (15')	<i>Coffee break</i>
11:45 – 12:30 (45')	<b>Workshop part 1: Research into the classroom – background</b> <i>From identifying negative stereotypes related to science to looking for ways to dispel them, participants are invited to reflect on the role of science outreach and educational engagement.</i>
12:30 – 13:20 (50')	<i>Networking Lunch</i>
13:20 – 14:05 (45')	<b>Workshop part 2: Research into the classroom workshop – state of play</b> <i>What are the ways in which research can be brought into the classroom? What are the barriers in connecting schools and researchers? What makes this engagement attractive? What are the main results of these activities? What can be achieved? Participants will discuss and reflect on best practices in bringing research into the classroom.</i>
14:05 – 14:20 (15')	<i>Coffee break</i>
14:20 – 15:20 (60')	<b>Workshop part 3: Research into the classroom workshop – Moving forward</b> <i>Building on the discussions from the previous workshop sessions, participants are invited to work together and refine a set of recommendations of follow up actions on bridging research and classroom practice.</i>
15:20 – 15:30 (10')	Summary of the event by organizers