

# 2021 STEM High Level Event

## Bringing Research Into the Classroom

### Online 20-21 May 2021

This online event is organised by [BRITEC](#) with [Scientix](#), [AmgenTeach](#), [CS Track](#) and the [STEM Alliance](#)

## THURSDAY, 20 MAY 2021



10:00 – 10:10 (10')

**Welcome to the STEM High Level Event**

*by Marc Durando, Executive Director of European Schoolnet*

10:10 – 10:20 (10')

**The importance of bringing research into the classroom (O1) and Citizen Science Education** *by Agata Goździk, IGF Poland*

10:20 – 10:30 (10')

**How to start the collaboration with Research Centres and Universities** *by Franca Sormani (Teacher, Pedagogical Advisory Board member of the BRITEC project)*

10:30 – 10:45 (15')

**Citizen science with AmgenTeach: engaging science education with inquiry-based teaching strategies** *by Annette Condon, Amgen Foundation*

10:45 – 11:00 (15')

**How to engage secondary education students into a multidisciplinary citizen science project** *by Adrián F. Gollerizo, Secondary Education Teacher*

11:00 – 11:15 (15')

**What do meteors, sound and air have to do with butterflies?** *by Wim Van Buggenhout, Secondary Education Teacher*

11:15 – 11:30 (15')

**Nurturing scientific creativity in the classroom** *by Alexia Micallef Gatt (Scientix Ambassador and Pedagogical Advisory Board member of the BRITEC project)*

11:30 – 11:40 (10')

**Citizen Science in the classroom and BRITEC researcher's science pills (O3)** *by Dr Jesús Clemente-Gallardo, IUI BIFI-Universidad de Zaragoza*

11:40 – 11:55 (15')

**Discussion: the Citizen Science Toolkit and recommendations for a better implementation of citizen science in the classroom** *by Evita Tasiopoulou, EUN*

11:55 – 12:00 (5')

**Closing of day 1**

13:00 – 15:00 (120')

**Scientix Ministries of Education STEM representatives Working Group (closed session)**



Co-funded by the Erasmus+ Programme of the European Union

This event is supported by the European Commission's Erasmus + programme - project BRITEC, coordinated by the Institute of Geophysics, PAS.



# FRIDAY, 21 MAY 2021

10:00 – 10:05 (5')

Welcome to the STEM High Level Event

10:05 – 10:20 (15')

**CS Track: Providing an evidence base that supports the take-up of CS in the education sector** by *Patricia Santos Rodriguez, Universitat Pompeu Fabra, & Ohto Sabel, University of Jyväskylä*

10:20 – 10:35 (15')

**Citizen Science Education in the classroom: case study on monitoring of seasonal changes of riparian vegetation and river microclimate** by *Monika Kalinowska & Agata Goździk, IGF Poland*

10:35 – 10:50 (15')

**Citizen Science Education: Opportunities and Challenges from the Researcher's Perspective** by *Chris Giannaros, Research Associate, National Observatory of Athens*

10:50 – 11:05 (15')

**The opportunities and accurateness of the data gathered by citizen science projects** by *Mieke Sterken, Citizen Science Liaison, KU Leuven, & Citizen Science Advisor, Scivil*

11:05 – 11:35 (30')

**Fostering reflection and collaboration on local issues with the STEM Alliance DELL Policy Hack** by *DELL Technologies, & EUN*

11:35 – 11:50 (15')

**Discussion: Citizen Science in schools and recommendations for decision makers (O6)** by *Evita Tasiopoulou, EUN*

11:50 – 13:00 (10')

Closing remarks

13:00 – 15:00 (120')

STEM Alliance General Assembly (closed session)

[bit.ly/STEM-HLE](https://bit.ly/STEM-HLE)

20-21 May 2021

# High Level Event

Bringing Research Into the Classroom



# 2021 STEM High Level Event

## Bringing Research Into the Classroom

### CO-ORGANISERS



Scientix, the Community for Science Education in Europe, promotes and supports a Europe-wide collaboration among STEM (science, technology, engineering and maths) teachers, education researchers, policymakers and other STEM education professionals. Scientix has been running since 2010 organizing teacher-training activities, dissemination conferences and events, and supporting the exchange of knowledge and experiences in STEM Education via its portal, publications and events.



The work presented in this event has received funding from the European Union's H2020 research and innovation programme - project Scientix 4, coordinated by European Schoolnet. The content of this event is the sole responsibility of the organiser and it does not represent the opinion of the European Commission, and the European Commission is not responsible for any use that might be made of information contained

## Amgen | Teach

### Engaging Science Educators

Supported by the Amgen Foundation, Amgen Teach deepens student interest and achievement in science by strengthening the ability of life science secondary school teachers to use inquiry-based teaching strategies in the classroom. Rather than just presenting facts or encouraging rote memorisation from a book, inquiry in the classroom involves the students posing questions, researching information, diagnosing problems, understanding cause and effect, debating with peers, forming coherent arguments and critiquing experiments.



The STEM Alliance brings together industries, Ministries of Education and education stakeholders to promote Science, Technology, Engineering and Mathematics education and careers to young Europeans and address anticipated future skills gaps within the European Union. The STEM Alliance builds on the success of the EU-funded inGenious initiative (2011-2014) to increase the links between STEM education and careers, by involving schools throughout Europe.

#### COORDINATOR



#### PREMIUM PARTNERS



#### GENERAL PARTNERS



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