

# BETTER WORLD SHOWCASE 2019

**Demonstrating how the Faculty of  
Science and Engineering is Making a Difference**

Image: Oobleck

## NOMINEE

**Marianthi Moschou**

## SCHOOL OF

**Mathematics**

## NOMINATED FOR

**Outstanding volunteer  
(student)**

## STEM Outreach

### Initiative

Being an outreach volunteer over the last three years, Marianthi has helped with various outreach activities focusing on encouraging the public to engage with science and mathematics. She has discussed and engaged with people of all ages – people who may have never considered that science and maths can be of great fun!

In particular, she was member of the mathematics' team in science festivals such as the Science-X in Intu Trafford Centre where she was able to engage with a different and more varied audience than usual – especially those who would be unlikely to seek out a science event and may know little about universities. Other activities include the Community Science Showcase and the Science Spectacular festival, where she interacted with people from a diverse demographic of age, ethnicity and experience of higher education.

Marianthi proactively interacted with children, teenagers and adults, raising their interest in science and motivated them to discover their inner scientists! Hundreds of people played the hexapawn game, an interactive demonstration of machine learning invented by Martin Gardner. She trained the learning machines dozens of times with many interested kids and adults. It was also a great opportunity to discuss timely questions on artificial intelligence.

## How Marianthi has made a difference

Many kids are intimidated by and afraid of science, and especially mathematics, because they think they will fail. Marianthi teaches kids, teenagers and adults that they can be successful and great scientists if they want to! Since 2016 Marianthi has made an exceptional contribution to the University's outreach activities. Her role as an outreach volunteer has enabled her to make a real difference by engaging and interacting with the general public, increasing the interest in science and mathematics and inspiring students to pursue science-related educational opportunities.

Brilliant things can happen when science meets the power of community!

Marianthi 's work in many science festivals gave her the opportunity to promote higher education and make everyone realise that opportunities are out there for all, regardless of their socioeconomic background, gender or ethnicity.



MAKING A  
DIFFERENCE

VOTE FOR THE PERSON OR PROJECT YOU FEEL IS DOING THE MOST TO

**MAKE A DIFFERENCE**

[www.manchester.ac.uk/betterworldshowcase](http://www.manchester.ac.uk/betterworldshowcase)