



XMaS Scientist Experience: Outreach activity

Promoting careers for Women in STEM

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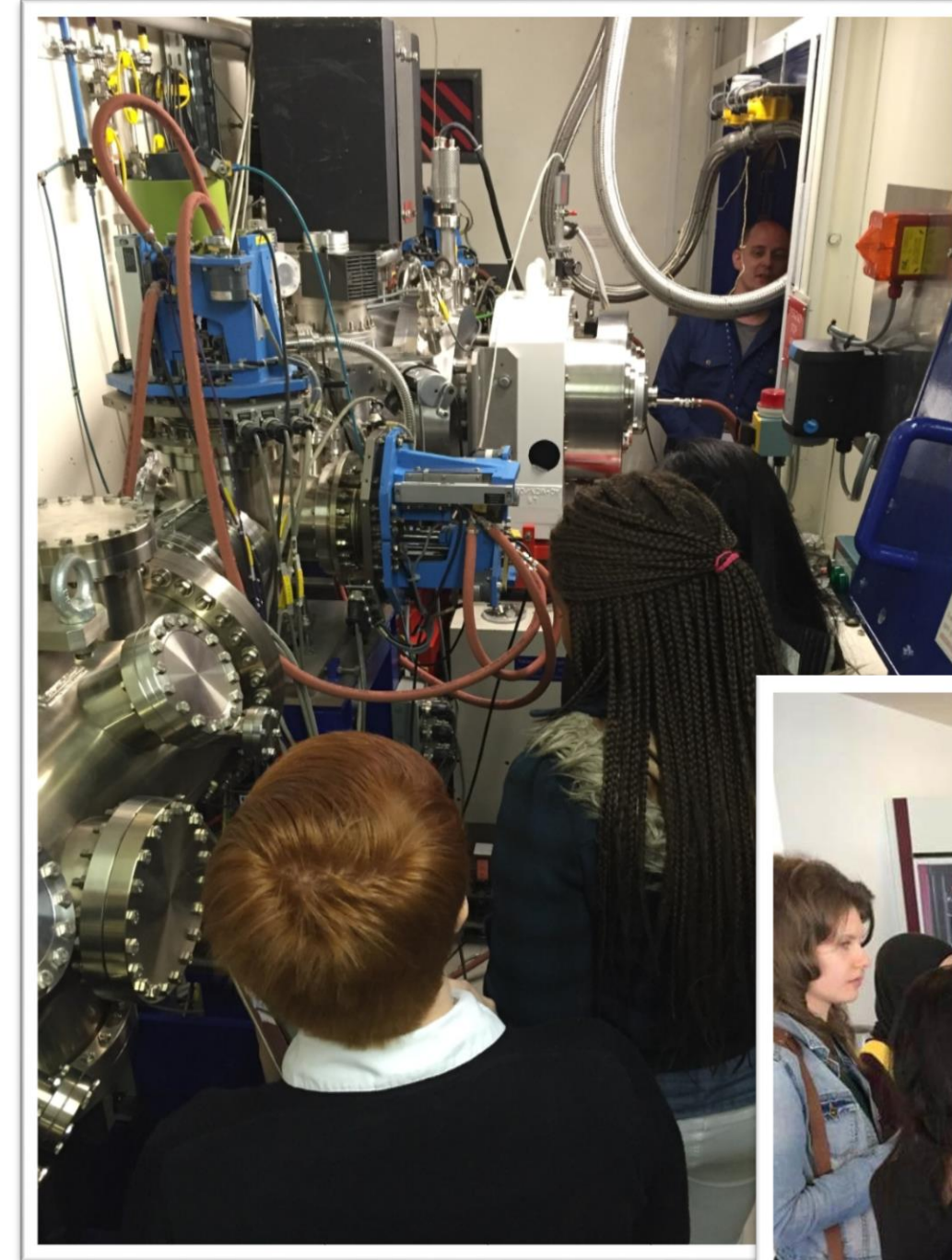


Engineering and Physical Sciences Research Council

What we did and why...

To address the gender bias in Physics we selected 14 winners from competition entries to an all expenses paid, 4 day trip, to Grenoble, France. They toured two world class facilities: European Synchrotron Radiation Facility (ESRF) and the Institut Laue-Langevin (ILL). We visited XMaS, the EPSRC funded research facility at the ESRF and met the scientists who work there.

The aim was to encourage young women to consider a career in science, by showing them the career opportunities available and introducing them to inspirational role models, in an international setting.



What we found...

There was a definite change in perception of what scientists do and who they are.



'The trip made me more confident in pursuing my scientific aspirations as a female scientist and helped me to see that STEM industries were open to females. I am more likely to become a scientist because of this trip'. A Couzens



So excited to bump into a Grenoble friend in Edinburgh of all places omg

Students had a sense of community, strong friendships were built where they are now supporting each other through university/career choices.

From student feedback, it was clear the biggest impact came from interactions with scientists, who were open, honest and inspiring.



'The science community that exists here is inspiring and really drives home the fact that through collaborations is how a lot of the puzzle pieces are found.' S Eastabrook

@XMaSSchoolTrip giving her the opportunity of a life time and an experience she will never forget



They also learnt that careers in science were within their grasp.

Parental perceptions were changed; they now encourage their daughters more actively to choose to pursue science at university.



Women have the skills required to be successful scientists and can combine their careers with their family lives, if they so choose.



What next...

Next year the competition will be run nationwide! With more opportunities to meet with scientists from universities of Warwick and Liverpool.



We are touring the country at events such as The Big Bang Fair where the students can share their experiences of the trip and what they learnt.



UPPSALA UNIVERSITET

Uppsala University are running the project with students in Sweden visiting the SuperADAM neutron facility!

We are linking with organisations to spread the word and put our students and teachers in touch with further outreach opportunities



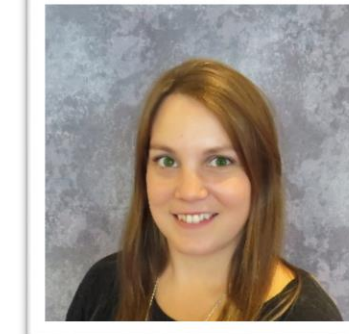
a campaign to promote women in science, technology and engineering



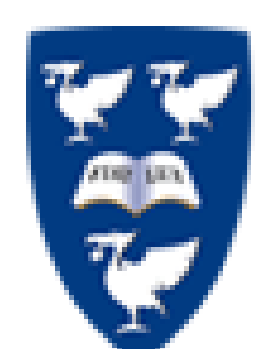
How to get involved...

Please get in touch if you would like further information or would like to collaborate with us in promoting careers for women in STEM.

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Our collaborators:



UNIVERSITY OF LIVERPOOL



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