



## Faculty of Science and Engineering Cyfadran Gwyddoniaeth a Pheirianeg

Swansea University  
Prifysgol Abertawe

### Sent on behalf of Professor Perumal Nithiarasu, Associate Dean for Research, Innovation and Impact

Dear Colleagues,

Please read below about some of the Faculty's most recent success stories. We would particularly like to see more from our Professional Services staff for the next email!

## STUDENT SUCCESSES



### Physical geographer wins first prize at prestigious conference

PhD student Aaron Todd has been awarded first prize at the [International Mine Water Conference](#), New Zealand, for his research on tackling pollution from disused mines.

Aaron has been conducting his fieldwork at Nantymwyn lead mine in Carmarthenshire, which was abandoned in 1932. He has been using a variety of methods including salt dilution flow gauging and synoptic sampling and tracer injection to monitor pollution from the mine flowing into the Towy river and estuary

[Read more](#)

## STAFF NEWS



## Discovering the tallest trees in the Amazon

[Dr Jackie Rosette](#), department of Geography, recently featured on a Radio Wales Science Café episode on Trees, where she discussed her discovery of the tallest trees in the Amazon.

Jackie first helped to discover the trees back in 2018 together with other members of the research expedition team.

These giant trees represent a new discovery, growing in excess of 80m tall which were not previously known to exist in the Amazon Forest.

[Listen here](#)

## Researchers from Pohang University visit Swansea

Ser-SAM researchers from the [Centre for Integrative Semiconductor Materials](#) (CISM) and eight visiting researchers from Pohang University of Science and Technology (POSTECH) gathered in Swansea for a symposium on organic electronics to exchange ideas and discuss recent research findings. The event, organized and chaired by Ardalán Armin (Ser-SAM, Swansea Physics), was very successful and a great starting point for collaborations between the two institutes.



## Swansea fellow joins first UK-wide Young Academy

[Dr Muhammad Naeem Anwar](#), department of Physics, is among the first members of the new [UK Young Academy](#) – a network of early career researchers and professionals established to help tackle local and global issues and promote meaningful change.

Muhammad is a theoretical particle physicist whose research focuses on the strong force that binds quarks and gluons to form hadrons. He is interested in hadrons which involve more complex and unusual combinations of quarks, called exotic hadrons.

Naeem is currently a [Newton International Fellow of The Royal Society](#).

[Read more](#)

## Swansea University Vice-chancellor tours CERN

The Vice-Chancellor Prof. Paul Boyle, Sir Roderick Evans (Pro-Chancellor) and Elin Rhys (University Council member) recently visited [CERN](#) in Geneva. Niels Madsen and colleagues led a tour of the ALPHA experiment and other facilities linked to Swansea

Physics. A roundtable discussion was also held to explore the legacy and future directions of the Swansea-CERN collaboration.



## KEEP IN TOUCH!

If you are aware of any recent achievements to share, either for yourself or for any members of your team, we would love to hear about them! We're interested in stories from academic and professional services communities. Please email any news to Anna Ratcliffe ([a.c.ratcliffe@swansea.ac.uk](mailto:a.c.ratcliffe@swansea.ac.uk)). **Deadline for submissions: 15th of each month.**

If you would like to promote a research event on the FSE Events webpage, please contact [fse-reception@swansea.ac.uk](mailto:fse-reception@swansea.ac.uk)

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