



## 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!

### STAFF NEWS

#### Cansense wins St David's Award

Congratulations to [Professor Peter Dunstan](#), from the Department of Physics and [Dr Cerys Jenkins](#), both Co-founders and Directors of [Cansense](#), who have **won** the **Innovation, Science and Technology** category in the [St David's Awards](#) for their work in advancing bowel cancer diagnostics.

The awards celebrate the amazing human spirit and endeavours of individuals and organisations making a difference here in Wales.



[About Cansense](#)



#### Antarctic video for schools wins prestigious award

Congratulations to glaciologist [Professor Adrian Luckman](#), Department of Geography, who is part of a team that have been awarded the prestigious **Silver Publishers Award** from the [Geographical Association](#) for their video. The film - 'Antarctica, ice melt & global sea level rise', was developed by [Time for Geography](#) and includes time lapse clips of ice flow gathered by Adrian who is an expert in satellite imaging. The film will engage and inspire millions of students each year by bringing geographical education into the classroom.

[Watch the film here](#)

## New Learned Society of Wales Fellows announced

Congratulations to [Professor Chenfeng Li](#), Civil Engineering, and [Professor Paul Rees](#), Biomedical Engineering, are among the new entrants to the [Learned Society of Wales' Fellowship](#).

[Professor Hywel Thomas](#), President of the Learned Society of Wales said: *"I am delighted to welcome our new Fellows to the Society and look forward to their active involvement with us in the years ahead."*

[Read more](#)



## Most cited mathematical papers

Two journal articles of [Professor Vitaly Moroz](#), Department of Mathematics, together with his co-author Jean Van Schaftingen, Université Catholique de Louvain, have been ranked in the **top three** most cited journal maths papers in the years 2013 and 2017 respectively, according to the database [MathSciNet](#). Congratulations!

## Japanese Knotweed research findings published in The Conversation

[Dr Sophie Hocking](#), Department of Biosciences, has recently had a paper published in [The Conversation](#). The article describes the impact of knotweed on biodiversity and on home and landowners and the need to explore sustainable methods to control it using alternatives to herbicides which effect human health and the environment.

[Read about the research findings](#)



## STUDENT NEWS



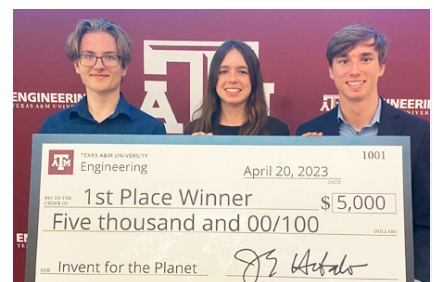
### Engineering students showcase their research

Engineering MSc and EngD students recently presented their



### Students win prizes at IMechE Regional Final competition

A group of first-year Mechanical Engineering students recently won



### Invent for the Planet winners

Congratulation to Team H2Grow students Alex Henson, Oli Leslie-

innovative industry-led research to an audience of academics and industrialists at the M2A annual conference. There was a diverse range of talks demonstrating innovation and technology transfer driving the economy regionally and internationally.

[Read more about M2A](#)

two awards in the [IMechE Regional Final Competition](#) at Bournemouth University, which was a fantastic success given that this was the first time Swansea University students had competed. They **won Best Presentation and third place overall**. The students were Joe Fuller, Toby Wood, Ben Rudge, Ben Mansfield and Michael Davies.

Golding, Rachel Simms and Matthew Coomes who have **won** the [Invent for the Planet competition](#).

Run by Texas A&M University, the competition was open to 21 participating universities in 15 countries around the world. Swansea was the only UK university invited to participate.

The team which was made up of students from engineering and physics created a pump that can make polluted river water safe to drink.

[Read more](#)

## PhD viva success

Congratulations to [Hanchi Ren](#), Department of Computer Science, who recently passed his PhD viva. Hanchi's thesis was titled 'Gradient Leakage and Protection for Federated Learning', and the examiners were Bernie Tiddeman (Aberystwyth University) and Yang Long (Durham University).

## 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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