



## 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

#### Nonlinear PDE's Summer School success!

[Professor Elaine Crooks](#) and [Professor Vitaly Moroz](#), Department of Mathematics, together with Professor Federica Dragoni (Cardiff University), organised the successful Swansea Summer School in Nonlinear PDEs, held in Swansea from July 1-5, 2024. The event was funded through a combination of grants from the EPSRC and the London Mathematical Society. The Summer School attracted 10 invited lecturers and 43 participants from the UK and 13 other countries. As part of the EPSRC Network on Generalised and Low-Regularity Solutions for Nonlinear PDEs, the School aimed to enhance the training of early career researchers through mini-courses and guest lectures on the latest advances in the field of nonlinear PDEs.



Grŵp Herio Cymru  
Sero Net 2035  
Wales Net Zero 2035  
Challenge Group

**PATHWAYS TO A  
PROSPEROUS AND  
RESILIENT WALES**  
in a changing future



**HOTSPOT**  
Economi Gylchol  
Circular Economy  
**Cymru 2024**

#### Wales Net Zero 2035 Challenge

[Professor Gavin Bunting](#), Department of Civil Engineering, was invited by the chair, Jane Davidson, former Welsh Government minister, to be a member of the Challenge Group in December 2022 as the

#### European Circular Economy Hotspot Event

[Professor Gavin Bunting](#) has been working with the Welsh Government and [WRAP](#) in the planning of the Hotspot which will be running two panel sessions,

circular economy expert and to also co-chair the food group.

The aim of the food group was to demonstrate how the food system is critical in addressing climate change and ensuring the wellbeing of Wales.

The Wales Net Zero 2035 Challenge Group has explored ways to accelerate the delivery of Wales's climate change commitments, in a manner that addresses the many related challenges facing Wales, from food and energy security to rural livelihoods and economic opportunity for all.

The Group was commissioned by the Welsh Government and Plaid Cymru to provide pathways to net zero by 2035.

[Read the report](#)

showcasing the work of Welsh academia in the area of circular economy.

The European Circular Economy Hotspot is an annual event, which has grown from a gathering first held in the Netherlands in 2016. It is held in a different location every year, with each host region chosen for demonstrating international best practice and innovation in the development of a circular economy.

This year the event will take place in Cardiff and will welcome all sectors across industry, including business, public sector, academia, and third sector and communities.

[More about the event](#)



## Tackling climate change at the Hay Festival

[Professor Gavin Bunting](#), [Professor Karen Morrow](#), School of Law and [Dr Jennifer Rudd](#), School of Management, were recently invited to take part in a panel session at the Hay Festival where they discussed topics including Wales's global responsibility to tackle climate change, the effects of climate change on Wales's population and what Wales can do to reach net zero by 2035.

[Read more](#)

## Team wins the University Engineering Team of the Year

Congratulations to the [50% for the Future](#) team within Mechanical Engineering (ME), who have won the University Engineering Team of the Year 2024 at the Engineering Talent Awards 2024, in partnership with @RAEngNews and @MetroUK.

50% for the Future is a longitudinal study focussed on developing an iterative, collaborative process to improve percentage representation and experience of females studying ME at Higher Education level.

[Dr Jennifer Thompson's](#) dedication to the project and her management of the bid has resulted in this well-deserved recognition. Jennifer is a Senior Lecturer in Mechanical Engineering, Admissions Tutor and SACEME ED&I Lead.

[Read more about the winners and runners-up](#)





## Grant success for “Clot-Busting’ project

A collaboration between Medicine, Engineering and the NHS has resulted in a successful bid for an EPSRC standard research grant for the project "Clot Busting: Advanced rheometry for informing the development of future thrombolytic therapies". The overall project value is £1.14M (fEC) including a cash contribution of £468k, split between FMHLS and FSE.

The collaboration involved [Professor Karl Hawkins](#) from Medicine and Engineering Co-Leads [Dr Dan Curtis](#) and [Dr Francesco Del Giudice](#) (both at the Complex Fluids Research group), [Professor Owen Guy](#) (Chemistry) and Suresh Pillai, a clinical Senior Lecturer at the Medical School who is the representative for the NHS.

This award builds upon our expertise and successful track record in blood rheology research at Swansea - attributes that were recognised during the peer review process.

## 2024 Fluids Conference

Between 9th and 11th of September the Bay Campus hosted the 2024 UK Fluids Conference. The conference was chaired by [Professor Ben Evans](#) from Aerospace Engineering with staff and students from both SACEGME and SEAS contributing to the organisation and delivery. 200 delegates from across the UK, and overseas, attended with a packed itinerary with parallel presentation sessions, posters covering everything from microfluidics to hypersonic rocket engines and the opportunity to enjoy the Gower beaches and Mumbles ice cream! Next year the conference moves on to the University of Liverpool.

Contact [Ben Evans](#) for more information.

[Find out more about the UK Fluids Network](#)



## REF2029 CANVAS HUB

A reminder that a new Canvas hub has been published. Developed by the REF Officers team, this is a central repository for the REF2029 documentation, guidance, resources and news.

The joining link is <https://canvas.swansea.ac.uk/enroll/BDY36G>. Please enable notifications as this site will be updated with guidance, news, consultations etc as they are received.

## 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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