



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

James Maxwell

Congratulations to James Maxwell (Mathematics) who recently passed his PhD viva.

His thesis '*Generalisations of tropical geometry over hyperfields*' was supervised by

Prof. Jeffrey Giansiracusa (Durham), [Dr Edwin Beggs](#) and [Prof. Tomasz Brzezinski](#).



Students present research findings at Europe's largest Sports Science conference

In August, a group of Postgraduate Research students and Swansea University academic staff travelled to Seville, Spain, to celebrate the 27th congress of the European College of Sport Science (ECSS).

This year's theme was "Sport Science in the Heart of Arts" and focused on presenting a new congress model, as well as hosting an international panel of experts, bringing specialised knowledge on physiology, nutrition, biomechanics, sports medicine and much more, where the most reputable researchers in the industry presented state of the art research findings on their topics and share their experiences.

[Read more](#)

Engineering student wins David Douglas Award

Congratulations to undergraduate student Johan Yap (Civil Engineering) who recently won first place in the David Douglas Award. The achievement was based on his final year dissertation which was supervised by [Dr Clare Wood](#).

The Award is presented each year to recognize students who have provided outstanding research submissions in the field of engineering.

STAFF NEWS



Engineering and Physical Sciences Research Council

EPSRC Peer Review: staff contribution recognition

The following staff have been recognised for their significant contribution to EPSRC Peer Review during the last academic year:

- [Prof. Ian Masters](#)
- [Prof. Perumal Nithiarasu](#)
- [Prof. Arnold Beckmann](#)
- [Prof. Alan Dix](#)
- [Prof. Matt Jones](#)
- [Prof. Biagio Lucini](#)
- [Dr Ian Mabbett](#)

Dr Adesola Ademiloye becomes guest editor for journal

[Dr Adesola Ademiloye](#) (Biomedical Engineering) is currently serving as guest editor for a special issue of the journal **Polymers** entitled "*Graphene-based Composite: Processing and Applications*".

Polymers, an open-access forum for the publication of original research papers and high-quality review articles on graphene-based composites. Research studies on the processing and fabrication of graphene-based composites, improved understanding of their mechanical properties as well as their applications in various areas of engineering, including aerospace, biomedical, civil, mechanical engineering are of particular interest.

[Read more](#)



European Journal of Computational Mechanics

Editor-in-Chief: Rubén Sevilla and Rui Cardoso

Ruben Sevilla becomes Editor-in-Chief

[Prof. Rubén Sevilla](#) (Civil Engineering and the Zienkiewicz Centre for Computational Engineering), has accepted the offer to become Editor-in-Chief of the [European Journal of Computational Mechanics](#).

The **European Journal of Computational Mechanics** focuses on innovative work on computational modelling methodologies. It publishes research on original numerical methods and their application to the numerical simulation of engineering problems in solids, structures, materials, fluids and multi-physics.

The journal, owned by River Publishers, was founded in 1992, and it publishes six issues per year.

Biosciences academic takes part in Biology Week debate

[Prof. Luca Börger](#) (Biosciences and co-director for the Centre for Biomathematics) recently participated at a debate event at the Royal Institution, part of the RSB Biology Week events, on 'The Next Global Threats'.

Professor Börger began the session by giving an overview of the impact of land-use change on local terrestrial biodiversity and how data can be used to map and show biodiversity loss across the globe.

Over 200 people joined the event online and in-person to hear what the experts had to say about biodiversity loss, antimicrobial resistance, climate change and food security.

[Read more](#)



Success for major international conference on pest control

[Natural Products BioHUB](#) recently hosted a major international conference at Swansea University – bringing together experts in integrated pest management (IPM) to discuss new ways of cutting reliance on harmful chemical insecticides.

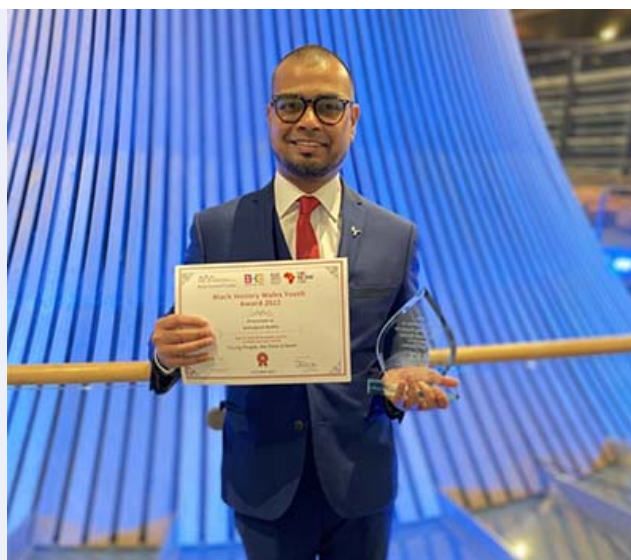
More than 130 participants from twenty countries, representing sixty-six local and international organisations, took part in the event, which was called the New IPM Symposium 2022.

[Read more](#)

Black History Wales Youth Award

Congratulations to [Dr Mahabbob Basha](#) (ESRI) who has been awarded the BHM Youth Public Service Award 2022 by Race Cymru. The Award ceremony was held in Senedd Cardiff Bay. The Deputy Minister for Justice and Equality, Welsh Government Julie Morgan MS and HM Lord Lieutenant of South Glamorgan handed over the trophy and certificate.

[Read more](#)





Publications milestone

Congratulations to [Prof. Richard Palmer](#) (Mechanical Engineering) who has achieved a publications milestone, of 500 papers!

IN THE NEWS



Giant trees of the Amazon

[Dr Jackie Rosette](#), Royal Society Research Fellow, (Geography) was recently interviewed by the BBC World Service Newshour about her follow-up expedition to the Amazonian rainforest where her team successfully reached the tallest of the trees which were discovered through lidar data analysis.

This was a challenging expedition for the team, working in extreme and remote conditions. The trek consisted of 4 days by boat along the River Jari and a further 2 days by foot through the forest to reach the tree.

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

[Listen here \(around 20 mins in\)](#)

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). **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

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