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**News from Head of School****Careers Fair**

Last week the School held a Careers Fair which was a huge success with over 20 companies looking for the best Computer Science graduates. Thanks to Duncan Hull and Mabel Yau for organising the day.

**Annual Research Symposium**

The Annual Research Symposium will be next week, Tuesday 28<sup>th</sup> – Thursday 30<sup>th</sup> October. The Keynote talk will be by Stephen Brewster, Professor of Human-Computer Interaction in the Department of Computing Science at the University of Glasgow, at 12:00 on Thursday with the prize giving and poster session to follow. The full agenda can be found here:

<http://studentnet.cs.manchester.ac.uk/pgr/symposium/>

All sessions are open to all staff and research students, please feel free to attend some and see the breadth of great research that our PhD students are doing.

**New Support System**

Chris Page and Paul Waring have developed a system that provides a different way to request support across a variety of different areas, including environment, IT infrastructure and the various other systems and areas in the school. It doesn't replace previous mechanisms (e.g. you can still mail [environs@](mailto:environs@) or raise a ticket via Remedy) or provide any additional support but provides a single point of access <http://support.cs.manchester.ac.uk>.

**News and announcements****School's history timeline**

As you may know, the School has a new dynamic history timeline:

<http://www.cs.manchester.ac.uk/about-us/history/>

There are many holes in this timeline, mainly since the 1980s.

This is a call to ask everyone for any important story, event and achievement to include in this timeline, for example:

- Important projects.
- Creation of research groups.
- 1st World/European/UK conference celebrated in the School.
- Foundation of institutes/research centres.
- The first... anything you consider important for our history.

For this, I would need:

- A picture
- A title
- A paragraph

Everyone is invited to contribute, with academic and non-academic events/stories.

Eva Navarro-Lopez

### **Software Sustainability Institute Petition**

The Software Sustainability Institute ([www.software.ac.uk](http://www.software.ac.uk)) have started a petition to gather support to recognise the fundamental importance of software to research: <https://www.change.org/p/everyone-in-the-research-community-we-must-accept-that-software-is-fundamental-to-research-or-we-will-lose-our-ability-to-make-groundbreaking-discoveries>

This is in response to the ever increasing reliance on well-engineered and sustainable software practices, codes and systems to help support world leading research.

Please consider supporting this endeavour further by re-tweeting this tweet <https://twitter.com/SoftwareSaved/status/522325490754154497>

or by mentioning the petition on your social media account(s) e.g. LinkedIn with a status such as "Software is fundamental to research - if you agree, please show your support: <http://lnkd.in/b2fea5F>".

### **Questions on Researchfish?**

Researchfish has taken over from the ROS system (sic) for research outcomes. If you receive funding from the Research Councils you will have received an email from Researchfish. Despite the name, this is not spam. Contact [Sarah Chatwin](#) for more official guidance from RCUK.

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## **Events**

### **EPS Pensions Chat Room**

**21 Oct 14**

A chance to discuss pension matters face-to-face with a member of the Pensions Office on:

**21 October (12 to 14:00) in Niels Bohr Common Room, Schuster Building**

Is there a question you have always to ask about your current or previous pension?

Whichever pension scheme you belong to (i.e. USS, UMSS, NHSPS or GMPF), you are invited to drop in at the EPS Pensions Chat Room on one of the above dates to talk to one of our pensions colleagues.

They can provide you with answers to all sorts of generic questions or tell you how to access information about our pension schemes, e.g.:

- I'd like to save more toward my pension: how to do I go about it?
- I've got a pension from another employer, what can I do with this?
- What would my family receive if I died in service?
- When can I retire?
- How can I find out how much my pension is worth?
- I don't belong to a pension scheme: should I join one?

As well as having a chance to meet the Pensions team and put faces to names, you'll be able to pick up a range of pensions scheme literature. No appointment is needed.

Please note that the team will not be able to offer more personal, detailed advice at these sessions; if this is what you need please make an appointment with the Pensions Office by emailing [pensions@manchester.ac.uk](mailto:pensions@manchester.ac.uk).

### **Raising Computational Throughput and Energy Efficiency by Synthesizing Software into FPGA Hardware** **22 Oct 14**

14:00, Lecture theatre 1.4, Kilburn building.  
 Professor Jason Anderson, University of Toronto  
 Host: Dirk Koch

<http://www.cs.manchester.ac.uk/our-research/seminars/>

### **Get Hands on with Horizon 2020 – Participant Portal Training Session**

**22 Oct 14**

- 9:30-11.30 or
- 12-14:00

In B3.17 computer lab, Ellen Wilkinson building.

The EU managers will be running a hands on training session/workshop looking at all aspects of the Participant Portal from searching for funding information and calls to submitting proposals and managing projects – the session will be interactive so please come with questions and/or comments and please ensure you bring your ECAS log in details.

[Registration](#) required.

### **Cyber-Physical Systems: Funding Opportunities for Computer Science Research** **23 Oct 14**

13:00, Atlas suite, Kilburn building.  
 Dr John Brooke, University of Manchester.

I will describe opportunities for research funding in computer science resulting from calls in Cyber-Physical Systems by the EU (due October 2014) and from EPSRC/DSTL in the UK (network currently being proposed). Cyber-Physical systems (CPS) involve the integration of digital and physical components, and are well advanced in automobile and aviation design (e.g. automatically driven vehicles). Recently, interest has moved to a wider approach with multiple Cyber-Physical systems interacting, for example in integrated systems for transport, healthcare, electricity and water networks. This brings many challenges of interest to computer science in terms of systems theory, data interoperability, multi-scale modelling, co-design of hardware and software, distributed systems, sensor networks, formal methods, HCI.

The focus of the talk is to develop a discussion that can identify potential bids in which the School could be a partner, what areas we should aim for, who are the people we might collaborate with, what other disciplines we could work with. One possible outcome would be to form a smaller group that could meet regularly to develop these possibilities.

**New Material for RF and Microwave Technologies workshop** 23 Oct 14

**Deadline: 16:00, 23 October 2014**

EPSRC invites expressions of interest to attend a workshop in the Birmingham area (venue TBA), to engage with the research communities in the area of RF and Microwave Devices.

[New Material for RF and Microwave Technologies workshop](#)

**Biosensing for Health - a HTC-KTN event** 28 Nov 14

Event to be held in Leeds.

The development of clinically useful biosensors presents many challenges to both the academic and medical fields. Initially it is vitally important to identify appropriate targets for the conditions to be tested. Only then can work on a recognition system, a signal transducer and a signal processing component commence. At this meeting we will bring together, clinical, academic and commercial expertise in all of these areas to develop working consortia that can access appropriate funding to further research in this area. Although the HTC is focused on colorectal disease we wish to draw in expertise in this field from any clinical or academic specialty.

[More information](#)

## Funding Opportunities

### Research Support Office

Please contact us through [researchsupportcsm@manchester.ac.uk](mailto:researchsupportcsm@manchester.ac.uk).

There is information about support for grant writing, submission and successful examples at <http://staffnet.cs.manchester.ac.uk/reso/> and through [EPS](#). The EPS blog [The Word](#) contains features News, Events and comment relevant to Postgraduate Researchers, Research Staff and Supervisors or PIs.

### Important: Changes in EU Funding Opportunities

More detailed information is available now that for Horizon2020 has started (the successor of FP7 EU programme). EU research funding is important for the School and it's important to understand what's available

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/index.html>

EU funding-related documents are placed by the University's EU team at:

<http://documents.manchester.ac.uk/search.aspx>

The easiest way to find these documents is to search using the keyword: '**Horizon 2020**'

A great resource recommended by the ICT National Contact Point is <http://www.ictic.org/>, which also provides handy overview documents.

**H2020 and High Performance Computing (HPC)** Nov 14

**Want to know more about HPC opportunities in H2020?** The e-infrastructure special interest group of the Knowledge Transfer Network has made some [slides](#) available.

Some upcoming calls include:

- FET Proactive funding opportunities: Towards [exascale high-performance computing](#) deadline November 2014

**EPSRC Sandpit: water energy food nexus** 4 Nov 14

**Deadline: 04 November 2014 at 23:59**

In response to the global challenges of securing a sustainable supply of water, energy and food, EPSRC is running a sandpit in the water energy food nexus in order to try to engender a radical change in the research undertaken in this field in the UK. Register your expression of interest through [their website](#).

**STFC Impact Acceleration Account (IAA)** 14 Nov 14

**Deadline: 14 November 2014**

The STFC pilot IAA has funding available to researchers to 'pump prime' STFC-funded research outputs for impact creation / commercialisation. As this is a pilot, the continuation of the STFC IAA will, in part, be dependent on demand for such funds.

This process will be supported financially by rewards from the pilot Impact Acceleration Account award, which can be used to facilitate knowledge exchange, problem solving or the realisation of opportunities. These could include access to facilities and equipment, consultancy services, or training and short secondments, thus adding significant value to the wider impact agenda. This could also include the use of external supporters who can help in developing and shaping propositions. Projects that may not be immediately or necessarily commercial, but have the potential to create substantial societal impact will also be considered. However, this list is not exhaustive and consideration will be given to any applications, which demonstrate a clear pathway to furthering STFC-funded research.

Further support will be available from Dr Alick Deacon – the School of Physics & Astronomy's Technology Translation Fellow – and UMIP, who can help colleagues with writing plans to secure further funding or develop collaborations to translate research into outputs with commercial or impact potential. Please submit your applications or to request an informal talk reply to [Alick Deacon](#). Applications will be considered by a panel formed from the School of Physics & Astronomy, UMIP and other colleagues as appropriate.

Contact [Sarah Chatwin](#) for more information and application forms (2 pages max).

**Schlumberger Foundation Call for Applications for the 2015-2016 Faculty for the Future Fellowships** **14 Nov 14****Deadline: 14 November 2014**

Future Fellowships [www.facultyforthefuture.net](http://www.facultyforthefuture.net) are aimed at women from developing and emerging economies to **pursue PhD or Post-doctorate studies in science, technology, engineering and mathematics**. Grant recipients are selected as much for their leadership capabilities as for their scientific talents. Ultimately they are expected to return to their home countries to continue their academic careers, to further their research, to teach and to become inspirational role models for other young women, especially in the STEM fields.

Faculty for the Future grants are based on actual costs for eligible expenses up to a maximum of USD 50k p.a. and may be renewed through to completion of studies subject to performance, self-evaluation, recommendation from supervisors, and strong evidence of re-integration plans into the home country.

**Colombia Newton Caldas Fund****16:00 20 Nov 14****Deadline: 16:00, 20 November 2014**

This first call is directed to UK-Colombian partners who wish to apply for £30-£300k over 2 years for matched funding for between projects under the following areas:

- Agriculture
- Climate and environment (e.g. climate change, green technology, sustainable development, ecosystem services, resource scarcity)
- Waste and recycling
- Water and sanitation
- Rural and urban development

For more information please visit the [British Council website](#) or contact [Sarah Chatwin](#).

**ESRC Impact Acceleration Account (IAA)****21 Nov 14**

## **Deadline: 21 November 2014**

Three IAA schemes are open to academic staff in all Schools and Faculties across the University to accelerate the impact of research in the social sciences:

- Staff exchanges/ placements
- Policy/ evidence seminars
- Research into practice

Guidance with links to applications forms can be found [here](#). A leaflet containing an overview of the IAA can be downloaded [here](#).

## **MICRA Seedcorn Call 2014**

**8 Dec 14**

### **Deadline: 8 December 2014**

The aim of MICRA seedcorn funding is to further ageing related research within the University of Manchester. Up to £6K is available per project and spent by Jul 15. Research must be:

- explicitly related to ageing
- interdisciplinary
- lead to at least one specific outcome, such as a research proposal

Joint awards are on offer with Age UK and Manchester City Council around specific themes of:

- healthy cognitive ageing
- vulnerability, resilience and personal wellbeing
- evidence based service development and evaluation
- ageing and ethnicity
- ageing populations and city centres

Full details are available [online](#).

## **Progressive Supranuclear Palsy Association funding**

**31 Dec 14**

### **Deadline: 31 December 2014**

Over the years, the PSP Association have funded several £millions worth of research into this rare condition. This year around £500k has been set aside to support research into neurological disorders (particularly those associated with the Protein tau).

[More information](#)

## **Progressive MS Alliance (PMSA) Collaborative Network Award**

**31 Jan 15**

**Open: 15 December 2014**

**Deadline: 31 January 2015**

This new award will create interdisciplinary, global, collaborative networks, focused on new therapy development, including new and repurposed drugs and/or other treatment strategies for progressive MS, including the Discovery, advancement and validation of new or existing, biological or imaging biomarkers. Submissions will open on **15 December 2014**. Successful applicants will be notified by **1 July 2015**. For appropriate applications, potential applicants may wish to request a letter of support from the UK MS Clinical Trials Network. Please email [research@mssociety.org.uk](mailto:research@mssociety.org.uk) for further information.

Preliminary information is available [here](#).

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## **Featured Research Outcomes**

**Did you know...**papers featured in the newsletter also go on display in the Kilburn Building

(outside finance: 2.03)? Send your new publications to [Robert Stevens](#) so that more people get to know about your research.

*Have we missed something? If you have some award news that you would like us to know about please contact [Sarah Chatwin](#).*