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## News from Head of School

### School Christmas Party

15:00 Thurs 19 Dec 13

15:00, School common room

Computer Scientists, come on down! Building on last year's successful party Quizmaster Chris will test your trivia while DJ Jezmas strives heroically to get you dancing! There will be pizza, music, drinks and great company. Please bring along a bottle of something you like.

### Christmas Closure

The Kilburn and IT buildings are closed during the University's Christmas closure period 24th December 2013 - 1st January 2014 inclusive. There will be no heating or ventilation, no cleaning and no emptying of rubbish. There will be no IT technical support and the IT team in the School may take the opportunity to perform maintenance during the Christmas break. As such, there may be brief or extended periods when some services are unavailable.

You should not plan to work in Kilburn or IT buildings during the Christmas closure period unless there is a real necessity to do so.

### Next School Newsletter

Mon 14 Jan 14

The staff at The Newsletter will be taking an all-expenses unpaid break over Christmas. Any significant news will get to you by some other route.

### Social Media Workshop

9<sup>th</sup>, 20<sup>th</sup> Jan 14

Manchester Informatics are organising two workshops to discuss the development of Manchester's bid for an ESRC funded International Centre for Social Media Research. To feed into this they are hosting 2 workshops in scoping out current activities/interests in social media.

See [here](#) for more details.

## Announcements and news

### Horizon2020 – call for experts

Ahead of the start of H2020, the European Commission is calling for [independent experts](#) to evaluate proposals for EU funding and for other activities such as monitoring, programme evaluation and policy development. There's a particular need for evaluators with interest in research with higher Technology Readiness Levels ([TRL](#)). This is a great opportunity to get to understand more about the EC process.

Interested candidates are invited to [apply](#) as soon as possible in preparation for the first project proposal evaluations, which will start in 2014.

Please let [Sarah Chatwin](#) know if you apply.

### SpiNNaker in Forbes

In a [Forbes article](#), **Steve Furber** talks about SpiNNaker and its role in the Human Brain Project, including a video of SpiNNaker robot 'seeing' and responding to visual instructions.

## Events

### Mobile = low power? A journey to the low end

18 Dec 13

APT Seminar

Dr Greg Wright Qualcomm Research

12:00, 2.15, Kilburn building

### Computationally Intensive Research (CIR)

18 Dec 13

12:30 – refreshments

13-14:00 – forum

6.207, University Place

Professor Chris Taylor (Manchester Informatics) and Mr Ian Cottam (IT Services) are holding a forum for academics interested in computationally intensive research.

CIR incorporates High Performance Computing, High Throughput Computing, Visualisation, Big Data processing, etc. Discussion will involve what is available currently (locally and externally) and under what rules of engagement. Options for having a more unified strategy will be discussed and we would like your views.

If you can't make this lunchtime meeting, there will be further opportunities (some via surveys) early in the new year. No booking required, just drop in.

**REMINDER - ICT Early Career Researcher Workshops** **3 Jan 14**

- Closing date: **4 pm 03 Jan 2014**
- Events:
  - 5-6 Feb 2014, The Oxford Hotel, Oxford
  - 25-26 Feb 2014, Raddisson Blu Hotel, Glasgow

Call for participants: The EPSRC's Information and Communication Technologies ([ICT](#)) Theme is inviting expressions of interest from **early career** ICT researchers (PhD within the last 10 years) for a [workshop](#) to be held in February 2014. **Learn about funding opportunities and get hints and tips from the EPSRC.**

**Why Successful People often feel like Frauds – The Imposter Syndrome**  
11:00- 11:50, Monday 13 January 2014 University Place, Lecture Theatre A

How can it be that so many clever, competent and capable people can feel that they are just one step away from being exposed as a complete fraud? Despite evidence that they are performing well they can still have that lurking fear that at any moment someone is going to tap them on the shoulder and say "We need to have a chat". Perhaps it will be the next presentation they have to make, or that paper or report they have to write or that interview they are going for. That's when they will find out and then it's Game Over.

Hugh Kearns has worked with thousands of high performing imposters, he is one himself and is currently writing a book on the topic. Hugh is a currently a visitor in Manchester but he leaves at the end of Jan! Come along and hear what the latest psychological research has to tell us about The Imposter Syndrome and more importantly some strategies for dealing with it.

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## 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

Information sessions and draft documents are becoming available for Horizon2020 (the successor of FP7 EU programme). EU research funding is important for the School so please keep an eye-out for information – calls are expected to open at the end of the year.

### Reminder - H2020 drafts available

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.

#### **Tools and services for synthetic biology**

- Registration: **8 Jan 2014**
- Closing date: **15 Jan 2014**

The Technology Strategy Board (TSB), BBSRC, EPSRC, and the Welsh Government are investing up to £3.8m in [business-led collaborative projects](#) to develop innovative tools and services for the UK synthetic biology industry. Between £100k and £350k is available per project (up to 1yr).

#### **Enabling the Internet of Sensors – feasibility awards**

- Registration: **noon 22 Jan 2014**
- Closing date: **noon 29 Jan 2014**

Investment of up to £1.5m in [feasibility studies](#) to stimulate innovation in networked intelligent sensor systems, and new applications of them is available from the TSB. Collaborative and **business-led projects** of 6-18 months are invited (£50-150k per project). Academic researchers can act as partners. [Registration](#) required.

#### **Enabling technologies for genomics sequence data analysis and interpretation**

- Registration: **noon 26 Jan 2014**
- Closing date: **noon 5 Feb 2014**

The focus of this [competition](#) is on innovative technologies that address the requirements of the 100k Genome Project. These technologies may include developments in the areas of bioinformatics, software pipelines, computer hardware and analysis algorithms. Phase 1 is for feasibility studies of 6 months, up to £200k (£2m total available). Successful Phase 1 projects will be eligible for Phase 2, which is intended to develop and evaluate prototypes or demonstration units. Universities may apply but must demonstrate a route to market (including a plan to commercialise results).

#### **TSB Data Exploration - event and funding**

**7 Jan 14**

- Event: **7 Jan 2014, London**
- Registration: **noon 26 Feb 2014**
- Closing date: **noon 5 Mar 2014**

**Big Data** is one of the UK's eight great technologies and a lot of funding will become available in this area. The TSB is looking to fund [collaborative and business-led industrial research projects](#) (including at least one SME), of £100-500k, for between six and 24 months. Academic researchers can act as partners and attendance at the briefing event is strongly advised; a webinar is also available. [Register](#) for the event.

#### **Whole system design for energy efficient high performance computing**

**17 Feb 14**

- Registration: **13:00 CET 17 Feb 2014**
- Closing date: **13:00 CET 24 Feb 2014**

The European Commission is investing of up to €9m to improve the energy constraints required to power and cool new supercomputers. The goal of this Pre Commercial Procurement ([PCP](#)) with [PRACE](#) is to procure R&D services that result in highly energy efficient HPC system components that are integrated into an HPC architecture which is capable of providing a floating-point peak performance of up to 100 PFlop/s. [This pilot PCP](#) is for 40 months, consisting of 3 phases:

- Phase I (solution design): 6 months, 5 contractors with €180k (excl VAT) per bid
- Phase II (prototype development): for successful Phase I projects. 10

- months, 3 contractors with ~€2.7m (excl VAT) available in total
- Phase III (Pre-commercial small scale product/service development): for successful Phase II projects. 16 months, 2 contractors with ~€5.4m (excl VAT) available in total

[Registration](#) required.

### **Sensing and Imaging for Diagnosis of Dementias (SIDD) 17 Feb 14**

- Registration: **4pm 17 Feb 2014**
- Closing date: **4pm 1 Apr 2014**

Following last week's G8 Dementia Summit, the EPSRC have launched a [call](#) for fundamental research in non-invasive **sensing and imaging** for the diagnosis and measurement of Dementias. £5m is available for 3-5 projects. Registration of interest required: email [dementia@epsrc.ac.uk](mailto:dementia@epsrc.ac.uk) by **4pm 17 Feb 2014** including:

- Names and institutions of the principal and co-investigators
- Any non-academic project partners
- The approximate value of the funds to be requested

## **Featured Research Outcomes**

**Did you know...** papers featured in the newsletter also go on display in the Kilburn Building (outside 2.7)? Send your new publications to [Robert Stevens](#) so that more people get to know about your research.

### **Papers**

Ciccarese, P., Soiland-Reyes, S., Belhajjame, K., Gray, A., Goble, C., Clark, T. PAV ontology: provenance, authoring and versioning  
Journal of Biomedical Semantics 2013, 4:37.

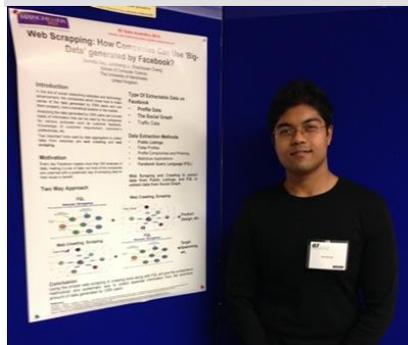
DOI: 10.1186/2041-1480-4-37

<http://www.jbiomedsem.com/content/4/1/37>

Ananiadou, S., Thompson, P. and Nawaz, R. (2013). Mining events from the literature for bioinformatics applications. ACM SIGWEB Newsletter, Article Number 5, Autumn 2013

<http://dl.acm.org/citation.cfm?id=2528277>

### **Presentation at IET Data Analytics**



Masters student **Somdip Dey** joined other researchers from industry and academia at the [IET Data Analytics](#) event (BCS, London) to present his research "Web Scrapping: How Companies can use 'Big-Data' generated by Facebook?". Watch the [video](#). Somdip's presentation even caught the attention of a representative from the House of Parliament, Parliamentary Office of Science and Technology.

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