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News from the Head of School

Graduation Day

Graduation day will be Wednesday 17th July at 2:30. There will be a reception in the School either before or after the ceremony, details will be circulated shortly.

Google film of the Baby

Google will be working with Eva Navarro to make a short film about the Baby for its 65th Anniversary (this year). It is likely to be released around June 2013 and be a similar length to the film that Google made about Atlas, which has had >18,000 hits on YouTube: <http://www.youtube.com/watch?v=6TRfy70DqD8>

International Women's Day

8 Mar 13

International Women's Day is celebrated every year on 8th March. There will be a number of events celebrating the role of women at The University of Manchester. <http://documents.manchester.ac.uk/display.aspx?DocID=15272>

In a topical article Wendy Hall wrote about the low number of women in Computer Science in the New Statesman:

<http://www.newstatesman.com/lifestyle/lifestyle/2013/02/where-are-all-women-computer-science-without-them-britain-will-fall-behi>

Which refers back to her 1987 article on the same subject:

http://download.springer.com/static/pdf/388/art%253A10.1007%252FBF01908552.pdf?auth66=1363452545_aef48afdc52464a7b9bd7a89f90ef560&ext=.pdf

Events

School Board meeting

6 Mar 13

PLEASE NOTE the change of usual time from 15:30 to 15:00 for the meeting. This is being trialled for the next two meetings.

15:00, IT building room 407

External Affairs Report and Web strategy report

HEA Computing in Teaching

14-15 Mar 13

There are still free places available at this year's HEA Computing 'New in Teaching' event to be held next week. The two-day workshop will be held at the MacDonald Hotel, Manchester on 14 & 15 March from lunch-time to lunch-time. This event is held exclusively for Computing academics, (or post-graduates set on an academic career in Computing) but is not restricted to those who are new to teaching. It will focus on new and exciting developments in teaching that are relevant to both new and established staff.

Attendance is free and includes lunch on both days together with an evening meal on March 14. Accommodation is not included but is available at a reduced rate at the MacDonald.

The full agenda and registration details are available at:

http://www.heacademy.ac.uk/events/detail/2013/14_15_March_NTT_Computing

The Royal Academy of Engineering - 13th Annual Regional Lecture

5 Mar 13

Guest speaker: Professor Philip Withers FEng, University of Manchester

5 March 18:00, lecture theatre C9, Renold Building, University of Manchester

The lecture will be followed by a reception and poster session. For further information about the lecture and poster session please contact [Sue Neesham](#).

Admission is free and registration is not required.

Horizon 2020 – call for advisory group members

6 Mar 13

Closing date: **4pm 6 March 2013**

The EC is currently asking for experts for their advisory groups for setting up Horizon 2020 (FP7's successor). Registered experts will also potentially be asked to act as reviewers throughout the course of H2020 - the [call for expressions of interest](#) will stay open for the lifetime of the Programme and experts can register at any time - however only those having expressed their interest **no later than 6 March 2013 at 17.00, Brussels local time (CET)** will be taken into account for the setting up of the first advisory groups. Expressions of interest received after this date will be taken into account for the renewal of groups at the end of each mandate.

Please let [Liz Fay](#) know if you register.

Behavioural Nudge with an Always-on Smartphone Application to Promote Physical Activity **7 Mar 13**

Dr. Parisa Eslambolchilar (Assistant Professor), Swansea University of Wales.
16-17:00, Turing Seminar room, Coupland 1 building. All members of the Faculty and students are welcome to attend.
Tea/coffee and biscuits will be available.

IEEE Event – The Making of an Academic **27 Mar 13**

• 27 Mar 2013, 9.15am – 1pm, D45a Sackville Street Building
IEEE Systems, Man and Cybernetics (SMC) Society is hosting a half-day CPD and networking event The Making of an Academic for PhD students and early career researchers.

Talks will be given by distinguished scholars (including our very own Gavin Brown), who are active in SMC and have achieved a high level of recognition from the IEEE, covering:

- Excellence and Innovation in Teaching
- Effective Manuscript Preparation
- Personal and Time Management for Young Scientists
- Building Your Professional Network
- Information on the IEEE and the IEEE SMC Society

Places are limited and will be allocated on a first-come, first-served basis so please [register](#) if you plan to attend.

Featured Publications

Thiele I, Swainston N, Fleming RMT, Hoppe A, Sahoo S, Aurich MK, Haraldsdottir H, Mo ML, Rolfsson O, Stobbe MD, Thorleifsson SG, Agren R, Bölling C, Bordel S, Chavali AK, Dobson P, Dunn WD, Endler L, Hala D, Hucka M, Hull D, Jameson D, Jamshidi N, Jonsson JJ, Juty N, Keating S, Nookaew I, Le Novère N, Malys N, Mazein A, Papin JA, Price ND, Selkov Sr E, Sigurdsson MI, Simeonidis E, Sonnenschein N, Smallbone K, Sorokin A, van Beek JHGM, Weichart D, Goryanin I, Nielsen J, Westerhoff HV, Kell DB, Mendes P & Palsson BØ (2013) "A community-driven global reconstruction of human metabolism" **Nature Biotechnology** 31, doi:10.1038/nbt.2488

<http://www.nature.com/nbt/journal/vaop/ncurrent/full/nbt.2488.html>

This study establishes a computational resource of the human metabolic content. This allows a mapping from the human genome to proteins and small molecules and essentially forms a blueprint of how they work together in different human cells. The resource contains principled annotations in RDF format and is the result of a 5-year long community annotation process led by University of Manchester, University of Iceland and UCSD.

Funding Opportunities

School Research Office

Please contact us through researchsupportcsm@manchester.ac.uk.

There is information about support for grant writing and submission at

ARTEMIS Joint Undertaking Call

8 Mar 2013

- Expression of interest deadline: **8 Mar 2013 (not compulsory)**
- [ARTEMIS Spring Event](#): **13-14 Mar 2013, Brussels**
- Closing date: **4pm 6 Jun 2013**

ARTEMIS Industry Association is the association for Embedded Systems in Europe, representing a consortium of industry. The [ARTEMIS Joint Undertaking call](#) is open to all R&D parties active in **Embedded Systems** research (including hardware, software, systems design and HCI). Proposals generally include a group of industrial partners who are keen to get input from academic partners, and focus on research that is 'close to market'.

Significant amounts of funding are available over 3 domains and within the ARTEMIS sub-programmes (ASPs):

1. Reference Designs and Architectures
2. Seamless Connectivity and Middleware
3. (System) Design Methods and Tools

ASPs:

- ASP1 Methods & processes for safety-relevant ES
- ASP2 ES for healthcare & wellbeing
- ASP3 ES in smart environments
- ASP4 Manufacturing & process automation
- ASP5 Computing platforms for ES
- ASP6 ES for security & the protection of critical infrastructure
- ASP7 ES to support sustainable urban life
- ASP8 Human-centred design of ES

More information and consortia building is available through [ARTEMIS events](#), such as the **13-14 Mar 2013 Spring Event in Brussels** where the ARTEMIS CESAR project (Kung-Kui Lau) will also be exhibited.

[Sarah Chatwin](#) has hardcopy information available.

British Science Association Media Fellowships

18 Mar 2013

- Closing date: **18 Mar 2013**

Up to 10 [Media Fellowships](#) are awarded each year to scientists, social scientists, clinicians and engineers from different backgrounds and stages of their career.

Media Fellows spend 3-6 weeks over the summer working with a media host: national press, broadcast or internet media, as well as working in the Press Centre at the British Science Festival! Applicants need a minimum of 2 years postgraduate experience and have permission from your employer/ funder.

Digital Railway information and consortia-building day

25 Mar 2013

- Mon 25 Mar 2013 - Coventry TechnoCentre

The aim of this free [day-event](#) is to get industry and academia together to understand the £5m Technology Strategy Board (TSB) and Rail Safety and Standards Board (RSSB) funding available and potentially build project consortia including the following capabilities:

- network capabilities and services, including cloud services
- Internet of Things
- big data
- modelling and simulation supporting data interpretation
- systems integration with physical assets
- visualisation and decision support
- satellite applications
- business models drawn from the digital and creative industries
- crowd-sourcing and social media

- digital services for engaging customers through feedback or incentives

[Enabling the Digital Railway](#) projects are expected to range from £500k to £2m and must be business-led but academic partners may be included in consortia (for up to 30% award). Please [register](#) for the event if you plan to attend.

Key dates:

- Briefing webinar 9 April 2013
- Registration deadline 8 May 2013 noon
- Expressions of interest (EOI) deadline 15 May 2013 noon
- Stage 2 opens (for invited applicants) 10 June 2013
- Deadline for invited applications 24 July 2013 noon

British Academy/Leverhulme Small Research Grants

10 Apr 2013

- Closing date: **10 Apr 2013**

Good for researchers with links in Humanities...The British Academy is currently inviting applications for the [BA/Leverhulme Small Research Grants](#) scheme to support primary research in the **humanities and social sciences**. Individual and collaborative applications worth £500-10,000 are welcome for projects up to 2 years, starting after 1 Sept 2013.

Funds are available to facilitate initial project planning and development; to support the direct costs of research; and to enable the advancement of research through workshops or conferences, or visits by or to partner scholars. Applicants need to register themselves on [e-GAP](#) and the results are expected by end July 2013.

South American Post-Doc and staff mobility opportunities

- Closing date: **various**

Are you interested in building links with **Brazil** or **Chile** as part of your research? There are a variety of opportunities available and coming up to visit or work in these countries through [Science without Borders](#) and the São Paulo Research Foundation ([FAPESP](#)) for researchers at all levels.

Please contact [Sarah Chatwin](#) as soon as possible for full information.

Marie Curie Information and Proposal Writing Events

- University College London, **17 April 2013**
- Durham University (part of a NE Regional event) **8 May 2013**
- Queen's University, Belfast, **13 May 2013**

Registration is now open for [Marie Curie Individual Fellowships and Career Integration Grants General Information and Proposal Writing half-day events](#).

Sessions will provide participants with information on the Marie Curie Individual Fellowships (Intra-European Fellowships (IEF), International Outgoing Fellowships (IOF), and International Incoming Fellowships (IIF)) and the Career Integration Grants (CIG).

Good for researchers who are interested in and/or are planning to submit a proposal to the Marie Curie Individual Fellowships' calls, which open on 14 March and close on 14 August, or the second cut-off date for the Career Integration Grants on the 18 September.

Please register through the [Marie Curie NCP website](#) or for those wishing to register for the NE Regional event at Durham University, register by [email](#). Places will be allocated on a first-come, first-served basis.