MANCHESTER 1824

School of Computer Science

Weekly Newsletter 29 October 2012

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News from the Head of School

Wear It Pink Day success 26 Oct 12

Our charity tombola for the Wear it Pink day was a success and over £175 was raised in an hour! http://www.wearitpink.co.uk/

ACM Trials

On Thursday night we held trials to see who would be on Manchester's team for the international ACM progamming contest. After 3 hours of mind-bending algorithmic challenges, the winners emerged....

Marius Popescu, Alexandru Grigoroi, Victor-Sorin Paunescu and Marius Tudor

Morar will join our Team Co-Captains from last year, Edgars Sedols and Mihail Kovachev, to fly to the Netherlands on 23rd November to represent Manchester against the whole of Europe.

Special thanks go to Edgars and Mihail for arranging the challenges, and to Mike Zmiric and Pez Cuckow for arranging the DomJudge server that did an astoundingly smooth job of auto-grading everyone's code.

For those interested in participating in future challenges - be sure to join the "Coding Dojo" facebook group - http://bitly.com/R2RYiW

Bletchley Park Book

Sue Black is writing a book about the four-year struggle to save Bletchley Park, if you are interested then you can sign up to buy a copy here: http://unbound.co.uk/books/saving-bletchley-park

Android app programming Tuesday 2pm

A message from Matt Oakes (3rd Year Undergraduate)

"*We're running a "give it a go" event on Android during Tuesday of reading week at 2pm. We will be starting in 1.4 in the Kilburn building. Make sure you're signed up using the link at the bottom of the email!*

The people at Man Up found that a lot of people are interested in writing their own Android apps, but just needed something to push them into trying it out - well here's your push! This isn't a competition, this is an opportunity to get your hands (figuratively) dirty.

The event is open to anyone including undergraduates, postgraduates, staff and anyone else! The only thing we ask is that you bring your own laptop and that you have some experience with Java. We won't be handing out any android devices, but the emulator or your own device will be fine.

We'll be sending out instructions before the event explaining how to set up the tools you'll need. Make sure you're signed up using the form below or you won't get them! These steps should be done before the event to save us some time and give us more time to do the interesting stuff.

During the event we'll do a short talk about the fundamental elements of Android apps, and then let you get stuck in making a simple app. There will be a few experienced Android developers floating around to help you out if/when you get stuck.

Make sure you sign up using this form: http://j.mp/androidgiag"

New: scheduled bespoke 1-2-1 eLearning training **Various**

The EPS 1-to-1 bespoke eLearning training sessions are an opportunity for EPS teaching staff to learn about, and use software such as Blackboard 9, Turnitin and Screenflow, as well as learning skills such as how to use communication and collaboration tools and producing video or podcasts. The training sessions are based on experiential and enquiry-based learning concepts where you are encouraged to work on real course resources.
Book online here

Featured publications this week (by Robert Stevens)

This is a regular section in the weekly newsletter. This is a small step to help us all to know what research is happening in the School and what is being published. Please continue to add all of your new publications to eScholar, but also send ones that you wish to advertise in the newsletter to

Robert.Stevens@manchester.ac.uk.

Events

FutureEverything - Manchester Hackathon **17 Nov 12**

FutureEverything, Manchester City Council and Open Data Manchester are running a day event for coders and developers to use the open data sets from DataGM to develop applications and lay the groundwork for future digital services in Manchester and beyond.

The event is free to enter, all developers of course retain ownership of their work and there are a series of cash prizes to be won. The date is 17th November 2012.
Further information

NACTEM seminar **19 Nov 12**

Analyzing the Collaborative Writing Process in Wikipedia - Case Studies at UKP Lab
Prof. Dr. Iryna Gurevych, Ubiquitous Knowledge Processing (UKP Lab), Computer Science Department, Technische Universität Darmstadt
14-15:00: IT Building room 407
Further information

Security Guest lecturers **Various**

The Computer and Network Security, and IT Governance modules have many guest speakers which you may like to attend.

Lectures are:

- Will Roebuck, E RADAR, **Governance, Compliance and Risk across the online economy** 5 Nov '12, 11:45 to 12:30 (Room 2.15)
- Royd Whittington, Barclays, **IT Governance** 5 Nov '12, 16:00 - 17:00 (presentation) and 3 Dec '12, 15:30 to 16:30 (Q&A/discussion) (Room 2.15)
- Jon Noel, Websense, **Mobile/BYOD/Social Networking: threats and risks** 6 Nov '12, 14:00 to 15:00 (Room 2.19)
- Paul Vlissidis, NCC Group, **Penetration Testing** 13 Nov '12, 12:00 to 13:00 (Room 2.19)
- Mark Jackson, CISCO, **Security Architecture** 13 Nov '12, 14:00 to 15:00 (Room 2.19)
- Ben Hanson, NCC Group, **Digital Forensics** 20 Nov '12, 12:00 to 13:00 (Room 2.19)
- Tim Armit, Clifton Risk Management, **Business Continuity** 26 Nov '12, 15:30 to 16:30 (Room 2.15)
- Jon Carpenter. McAfee, 27 Nov '12, **Malware** 12:00 to 13:00 (Room 2.19)

Very informal...but just in case the numbers are likely to swell beyond the room capacity, please contact Daniel Dresner to give an indication of which session you're thinking of coming to. (Just to give you some idea...room 2.15 has 50 seats and there are 39 students taking the module.)

Funding Opportunities

School Research Office

There is information about support for grant writing and submission at http://www.cs.manchester.ac.uk/reso/
researchsupportcsm@manchester.ac.uk.

New Connections between Mathematical Sciences and Information Communication Technologies **N/A**

- Closing date: **N/A**

Early Career EPSRC Fellowships are available for researchers looking to develop new connections between ICT and the mathematical sciences. New areas for collaboration are being sought (excludes LogFIT and Maths for ICT).

EPSRC Fellowships are open to **Established** career researchers with an interest in working at the Maths/ ICT interface through the the **Working Together** cross-ICT priority.
More information on EPSRC ICT fellowships

IT as a Utility Call: Call for Expression of Interest **12 Nov 12**

- Expression of interest deadline: **17:00 12 November 2012**

Applicants are invited to apply for shortpilot research study funding from the IT as a Utility Network+, set up as a priority challenge area by the RCUK Digital Economy Theme (DE). These ITaaU Network Plus Pilot Studies are intended to test new ideas or create novel linkages between research areas, lasting no longer than 6 months.
Further details are available from the CSM Research Support Services Office through researchsupportcsm@manchester.ac.uk.

Research Council Appointments: 2013 Call **19 Nov 12**

- Closing date: **16:00 19 November 2012**
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The EPSRC are looking to appoint three new members from academia and industry. This is a good opportunity to represent Computer Science and the University. Senior academics are invited to apply for these appointments, which start on 1 April 2013 for up to four years with the possibility of re-appointment. The total time commitment for members would not exceed 25 days per year. More information is available here.

Future and Emerging Technologies: Consultation **29 Nov 12**

- Submission deadline: **29 November 2012**

The European Commission are undertaking a consultation on the direction of their Future and Emerging Technologies research. This is an opportunity to put across your views on the key scientific and technological challenges that Europe faces in the next 20 years.
Click here to find out more.

Manchester Interdisciplinary Collaboration for Research on Ageing (MICRA) **14 Jan 2013**

Seedcorn Funding 2012

Call for applications - October 2012

The aim of MICRA seed-corn funding is to further ageing related research within the University of Manchester. Applications must meet the following essential criteria:

1. The proposed research activity must be explicitly related to ageing

2. The proposed research activity must be interdisciplinary (for example, crossing the funding domains of two or more research councils)

3. The proposed research activity must lead to at least one specific outcome, such as a research proposal for a research council or a working paper.

4. The award must be held by a University of Manchester member of staff (but can be used to fund collaborations with other institutions); awarded funds must be spent by the end of July 2013:

· A maximum of £6K can be awarded per application, with an additional £3K available from Manchester City Council for the joint MICRA/ Manchester City Council award (£9K total)

· MICRA/ cities award: one project will be jointly funded by MICRA and cities@manchester (www.cities.manchester.ac.uk) and must fall within the category 'Ageing and Cities'

· MICRA/ Manchester City Council award: one project will be jointly funded by MICRA and the Valuing Older People group of Manchester City Council with a focus on Digital Technology, Smart Cities and Social Inclusion. Proposals are invited that address one or more of the following themes:

o Older people's access to and use of digital technology;
o Meeting the training and support needs of the older user of digital technology;
o The use of digital technology to enhance opportunities for older people's social, civic and cultural participation;
o Comparative cross-city review of best practice in relation to digital technology and older people and opportunities for developing smart cities in relation to older people (the focus would be on the shadow UK network of age-friendly cities).

Application process:

a. Applicants are required to submit a written proposal for their research activity totalling no more than two sides of A4; please state if you wish to be considered for the MICRA/ cities award or the MICRA/ Manchester City Council award.

b. The proposal should state how the research meets the above essential criteria (items 1 to 4).

c. Applications from early career researchers will be looked upon favourably.

d. The deadline for applications is Monday 14 January 2013; submissions should be made via email to micra@manchester.ac.uk (please do not send applications to cities@manchester).

e. The MICRA commissioning panel will meet in January 2013 to make their decision

Any queries, please contact Jo Garsden or on 275 1298, MICRA Project Co-ordinator.

Call for Interdisciplinary PhD projects- NOWNANO DTC (Nanoscience)

NowNANO is an EPSRC funded doctoral training programme designed to promote interdisciplinary research in nanoscience leading to a Ph.D. It is run as a joint programme between the universities of Manchester and Lancaster. A key feature of the programme is the opportunity for students to select the topic of their Ph.D. research, after completing a wide-ranging course of lectures and projects on fundamentals of nanoscience during the first six months of their PhD (Sept. 2012 – Mar. 2013).

This call invites potential project supervisors to submit proposals for one of the 13 fully funded Ph.D. projects for April 2013 start. The proposal guidelines are:

1. Research in nanoscience
2. Interdisciplinary project spanning at least two distinct research areas (preferably in different Schools) with significant participation from both the main supervisor and the co-supervisor
3. The proposal must demonstrate an existing infrastructure capable of supporting the project
4. Projects that foster interdisciplinary research within or between the universities of Manchester and Lancaster are encouraged
5. Proposers may submit up to two projects as main supervisors, but no

more than one project will be granted to any one individual
6. Priority will be given to main supervisors that did not gain a fully funded NowNANO Ph.D. student in the previous academic year

Format:
The project description should fit on a maximum of one side of A4. The students will be given a booklet of selected projects and advised to contact the potential supervisory team to discuss the proposed project. In addition, a poster session will be arranged that will allow students to view the projects on offer and talk to proposers.

Proposal Timetable:
Project proposals are due by Monday, November 19th 2012.
Poster session at the University of Manchester**- late January/ early February (Details TBC)**
Booklets distributed to students two weeks before the poster session.
Student selection finalised -March 15th.
Research project starts April 2013.

Proposals in PDF format should be sent to Georgina Lewis.

Knowledge Transfer Partnerships **13 Feb 13**

Submission deadlines:

- **22 November 2012**
- **13 February 2012**

KTPs provide the perfect opportunity to work in partnership with industry (small or large) to provide specialist knowledge not available 'in-house'. There are significant funding opportunities available (for around 400 projects) and the University has a high KTP success-rate. Contact the Research Support Office to find out more about KTPs.