



The Higher Education Academy Computing Update - April 2012

I am pleased to bring you the April issue of the Computing newsletter. You can unsubscribe from this newsletter, subscribe to other HEA newsletters, book on events, or update personal details by visiting http://www.heacademy.ac.uk/my_academy.

If you have any comments or information that you would like to include in future editions of the bulletin, please send an email to Mark.Ratcliffe@HEAcademy.ac.uk.

News

STEM Conference

Many thanks to all who attended the conference on April 12th/13th at Imperial. With a very full programme, we had an excellent range of papers, posters and workshops. Congratulations to Thomas Lancaster, from Birmingham City University who was awarded the prize for the best presentation in Computing. His paper entitled "Dealing With Contract Cheating: A Question Of Attribution" was written jointly with Robert Clarke.

New to Teaching

Our second New to Teaching workshop is scheduled for 6th – 7th June at the Studio in Birmingham. This event is specifically for Computer Science, Physical Science, Psychology and Biological Sciences. We still have a number of free places available (along with free accommodation) so do please send nominations to Mark.Ratcliffe@HEAcademy.ac.uk.

Facebook

In an attempt to get up-to-date information out as soon as possible without filling mailboxes, I have followed the example of Julie Hulme, the discipline lead for Psychology and created a facebook discipline page for Computing.

You can find the page at www.facebook.com/HEAComputing. If you are interested in seeing this go further please "like" the page and then I'll do my best to keep it current.

HEA Handbook for External Examining

The brand new HEA Handbook for External Examining has just been made available at <http://www.heacademy.ac.uk/resources/detail/externalexamining/Handbook-External-Examining-2012>.

The handbook provides advice, guidance and information for all external examiners, whether they are new to the role or not. It is designed so that readers can select sections and topics to suit their need. It primarily concerns external examining of taught programmes at foundation, undergraduate and postgraduate levels.

Demonstrator workshop

Supporting students: a workshop for demonstrators in Computing

The next workshop for student demonstrators is planned to run immediately following the SICSA PhD conference (<http://www.sicsaconf.org/>) at Glasgow Caledonian University on Friday 22nd June, from 2pm. If you are interested in nominating any students to attend this free workshop, please contact steven.kendrick@glasgow.ac.uk.

Special Interest Groups

We now finalised the two new Special Interest Groups:

- “Innovation in teaching programming for better student retention, progression and achievement”. If you are interested in joining this group, please contact Quan Dang at q.dang@londonmet.ac.uk
- “Contract Cheating”. To find out more, please contact Thomas Lancaster at Thomas.Lancaster@bcu.ac.uk

ITALICS Call for Papers

ITALICS is the Higher Education Academy journal for “Innovations in Teaching and Learning in Information & Computer Science”. With a rapid turnaround and full peer reviewing, this journal has a wide scope covering:

- innovative approaches;
- developments in computer-based learning and assessment;
- open learning, distance learning, collaborative learning and independent learning approaches;
- the contexts in which students in HE learn, including work-based learning, placements and study visits;
- staff development;
- integration of theory and practice;
- the debate centred on associated pedagogic issues, including student and student-tutor interaction for learning;
- the changing role of those in resource centres, libraries and IT facilities centrally concerned with supporting student learning.

For more information, please email italics@heacademy.ac.uk

Future workshops and seminar series

We have the following events currently in planning:

HEA STEM: Mobile Application Development: from curriculum design to graduate employability.

Date: 15/05/2012. The University of Buckingham

Contact: Harin Sellahewa harin.sellahewa@buckingham.ac.uk

http://www.heacademy.ac.uk/events/detail/2012/15_May_HEA_STEM_App_Dev_Buckingham

Book online now at: <http://heastemmobileapps-eorg.eventbrite.co.uk/?ebtv=C>

HEA STEM: Teaching Cyber Security within the Higher Education Sector (Computing)
University of Warwick. Date: 17/05/2012

WMG and the Department of Computer Science at the University of Warwick are running a free one day workshop which focuses on the pedagogy of Cyber Security and which in line with the core ethos and philosophy of WMG – seeks to explore and disseminate excellent practice in embedding industrial engagement with the Cyber Security curriculum.

Booking: To book onto this free workshop, please send an email: h.s.lallie@warwick.ac.uk
http://www.heacademy.ac.uk/events/detail/2012/17_May_HEA_STEM_Cyber_Security_Warwick

HEA STEM: Teaching Agile Software Development
University of Central Lancashire. Date: 24/05/2012
Contact: Katie Taylor kjtaylor@uclan.ac.uk

http://www.heacademy.ac.uk/events/detail/2012/24_May_HEA_STEM_Agile_UCL

Book online now at: <http://www.eventbrite.co.uk/event/2839590291/esearch?srnk=1>

Enhancing The Employability Of Computing Students Through A Professional Online Presence
Birmingham City University. Date: 08/06/2012

Contact: Thomas Lancaster thomas.lancaster@bcu.ac.uk

http://www.heacademy.ac.uk/events/detail/2012/08_Jun_HEA_STEM_Employability_BCU

Book online now at: <http://www.bcu.ac.uk/tee/ctn-hea-employability-workshop/call-for-participants>

HEA STEM: Teaching and Learning Programming for Mobile and tablet devices
London Metropolitan University. Date: 15/06/2012.

Contact: Yanguo Jing y.jing@londonmet.ac.uk

http://www.heacademy.ac.uk/events/detail/2012/12_Jun_HEA_STEM_Mobile_Tablets_LMU

HEA STEM: MAKING IT WORK - An innovative approach to Work Based Learning
University of West of Scotland, Glasgow. Date: 20/06/2012

Contact: Tom Caira tom.caira@uws.ac.uk

http://www.heacademy.ac.uk/events/detail/2012/20_Jun_HEA_STEM_Making_it_Work_UWS

HEA STEM: User experience and usability for devices and the web
Open University. Date: 27/06/2012

Contact: Chris Douce c.douce@open.ac.uk

http://www.heacademy.ac.uk/events/detail/2012/27_Jun_HEA_STEM_Devices_OU

HEA STEM: Employment Engagement and Higher Education in a Digital Age
University of Greenwich. Date: 04/07/2012

Contact: Simon Walker s.walker@gre.ac.uk

See below for call for papers.

Past workshops in the 2011/12 Workshop and Seminar Series

HEA STEM: Embedding Self and Peer Assessment and Feedback in Practice - A Principles-Based and Technology-Enabled Approach.

University of Ulster. Date: 09/03/2012

Contact: Luke Chen l.chen@ulster.ac.uk

http://www.heacademy.ac.uk/events/detail/2012/09_Mar_Self_Peer_Assess_Ulster

HEA STEM: Creating a positive and workable future for UK games and animation courses: industry and education perspectives.

University of Greenwich. Date: 02/04/2012

Contact: Ryan Flynn r.d.flynn@greenwich.ac.uk

http://www.heacademy.ac.uk/events/detail/2012/02_Apr_HEA_STEM_UKGames_Greenwich

HEA STEM: I3 - Inquiry, Independence and Information.
Using IBL to Encourage Independent Learning in IT Students.
Date: 19/04/2012. University of Salford
Contact: Maria Kutar m.kutar@salford.ac.uk
http://www.heacademy.ac.uk/events/detail/2012/19_Apr_HEA_STEM_IBL_Salford

If you would like to offer a workshop or seminar, please complete a proposal form found at: <http://www.heacademy.ac.uk/funding> and send to: seminarseries@heacademy.ac.uk.

Publications, resources and funding

Funding

Teaching Development Grants

The following call details have now been released. More details can be found, once available, at <http://www.heacademy.ac.uk/funding>

Individual

Calls open Friday 18th May with the themes "Assessment & Feedback" and "Flexible Learning". Calls close on June 17th 2012.

Departmental

Calls open Tuesday 28th August with the themes "Assessment & Feedback" and "Flexible Learning". Calls close on September 30th 2012.

Collaborative

Calls open Monday 7th January 2013 with the themes "Assessment & Feedback" and "Flexible Learning". Calls close on March 3rd 2013.

HEA UK travel fund

The HEA's UK travel fund enables staff and students in UK higher education to exchange and disseminate good practice in learning, teaching and assessment and engage with their peers. The funding may be used to help the applicant(s) attend conferences, network meetings and special interest groups that are being run in the UK.

Please note that from next month, applications must be made **at least one month** prior to the event.

This is an open call running throughout the academic year 2011-12. Full details can be found at <http://www.heacademy.ac.uk/funding>.

Other information – supplied for dissemination

TLAD conference - FIRST CALL FOR PAPERS

TLAD 2012 - 10th International Workshop on Teaching, Learning and Assessment of Databases. Provisionally to be held 9th July 2012, University of Hertfordshire, UK.

Further details from: TLAD@abertay.ac.uk <http://www.abertay.ac.uk/TLAD>

The teaching of databases is central to all Computing Science, Software Engineering, Information Systems and Information Technology courses. For the previous 9 years, TLAD workshops have brought together those teaching database modules in order to share good learning, teaching and assessment practice and to explore which methods are appropriate to database modules and closely related areas.

The tenth workshop is taking place at the School of Computer Science at the University of Hertfordshire. It will concentrate on novel teaching and assessment approaches for database and database related modules, as well as covering other issues related to the teaching, learning and assessment of databases. It is intended that the workshop will include time for discussion, and so contributions are sought particularly in the areas of (but not restricted to):

- novel teaching areas and their relationship to databases;
- databases and enterprise level computing;
- creating suitable curricula for the rapidly evolving ways in which database technology is used;
- use of appropriate and novel assessment techniques;
- use of appropriate and novel database technologies to enrich the student experience;
- ensuring that theory and practice are balanced in database teaching;
- exploiting innovative teaching methods in order to enhance the student learning experience;
- exploiting effective learning and teaching mechanisms for distance learning;
- pedagogical and organisational frameworks and paradigms;
- adaptivity in learning systems;
- integrating the teaching of databases from schools, through universities to the CPD of those in employment;
- teaching of internet programming and their use of databases;
- teaching of ubiquitous and pervasive application programming and their use of databases;
- teaching of XML and its relationship with databases;
- teaching of data mining, data warehousing and OLAP;
- teaching of emerging topics and technologies including data spaces, the cloud, database forensics.

Research papers, demonstrations, panel and discussion topics are welcome.

Please send all submissions (papers, demonstration descriptions or panel/discussion group ideas) to TLAD@abertay.ac.uk. All submissions should be made as PDF or MS Word documents. Due to the lateness of this CFP, extended abstracts are also welcome for initial submission; on acceptance these should be expanded into full or short papers.

The workshop will be supported by the Higher Education Academy as in previous years. Conference proceedings will be published with an ISBN number.

KEY DATES

Submission of Extended Abstracts or Papers: 16 May 2012

Notification of Acceptance: 25 May 2012

Registration by paper presenter: 22 June 2012

Camera ready copies: 26 June 2012

Call for papers - "Employer Engagement in a Digital Age ", Greenwich, 4th July 2012.

This conference will explore themes around the complex interaction between higher education, technology and employers, and aims to:

- Share practices, tools and approaches that have enhanced the use of technology to support employer engagement.
- Explore the changing roles of employers and higher education within a international digital workplace.
- Present research into the impact of technology-led learning on employer engagement, curriculum design, and work based learning.
- Create a platform for students' perspectives on the benefits of graduate skills and attributes for enhancing international and local employability.
- Set an agenda for the on-going debate about the relationship between universities, colleges, new e-learners and globalised e-employers.

Contributions to the conference programme are sought from practitioners and researchers and students in all education and training sectors that contribute to the discourses and sit within one of the following three key themes:

- Employer engagement in a digital age
- Enabling student learning and employability in a digital age
- Curriculum design in a digital age

Contributions may take the following formats: case study; practitioner-led inquiry; research paper/work in progress; developmental/research project report; posters.

We would particularly welcome innovative session formats such as round table discussions and workshops.

All proposals must be submitted through our conference website:

<https://showtime.gre.ac.uk/index.php/ecentre/apt2012/schedConf/cfp>

Successful contributors will be allocated **one free place** at the conference. The conference organisers must receive confirmation of acceptance, indicating an intention to present by

the 'presenters and early bird' registration deadline'. Additional colleagues wishing to co-present will be offered the 'early bird' discounted rate but must register by the same deadline as the main proposer. After this date all co-presenters will be charged the full rate. A maximum of one free place will also be given to a student presenter or student co-presenter for each presentation. Additional student co-presenters will be charged at the 'early bird' discounted rate. Reflective papers may be submitted to a special conference journal edition of Compass: [http:// www.gre.ac.uk/compass](http://www.gre.ac.uk/compass)

Unsubscribing

Finally, if you do not want to receive further bulletins of this nature, please drop me an email and/or unsubscribe by visiting http://www.heacademy.ac.uk/my_academy

Best wishes

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