

How to write a good CV?

The 8th and last Student Enterprise Workshop for this academic year took place on 20 May in collaboration with IMPACT. The theme of the workshop was CV preparation. It was full of witty and active discussion involving over 40 students and guests.



First speaker Omer Abdul Razaq from Thames Rail Signalling Solutions Company and Secretary of IET YP London Network shared with students his thoughts about how to write an attractive CV and what the key points of interest to employers. His interesting statistics about all CVs in industry and some tips on CV writing techniques were fascinating. He also introduced the Jubilee Northern and Piccadilly Line upgrade project and encouraged students to get involved with the railway industry.



Billy Abbot (pictured) was the second up. Billy is a leading Software Engineer for FactSet Europe Ltd and Secretary of BCS Young Professionals Group. His unique presentation style fascinated the audience. He used some real examples to address what NOT to do in CVs. His presentation style and the industry-driven suggestions on CV writing techniques invoked continuing

discussion and laughter. Being an interviewer at the IT company he advised students to spend some time and effort on writing a good CV as the success of the application highly depends on the quality of the CV.



The workshop continued with an interactive session by career consultants of London Metropolitan University. Jennifer Reay and Fiona Tracey (pictured) invited students to work in groups on some sample CVs of volunteer students and determine their strengths and weaknesses. Finally, Jennifer and

Fiona also introduced the Career Development and Employment Services and invited students to use the facilities of the service.

A feedback sheet has been obtained from the workshop. The initial analysis of the feedback has shown the highly positive responses from the students. 100% of the feedbacks collected regard the workshop as very satisfying or satisfying.

Yanguo Jing finally thanked everyone that has been involved in the whole SEW series and promised the return of SEW next academic year.

Robert Matthews (pictured) has been video recording the whole SEW series. Our thanks to him!



Maths clinic funding success

FoC Maths staff have successfully bid for support from sigma (the CETL for Maths & Stats) and the National HE STEM Programme to create mathematics and/or statistics support provision - a two year funded programme.

The Mathematics and Statistics Support Clinic (MSSC) will be led by Mathematics teaching staff, managed by Dr Pargat Calay, and will offer real-time support, guidance and solutions in a 'clinic' type setting where students can have immediate resolution to their individual queries. We believe this will greatly enhance the mathematical skill level across the Faculty and, importantly, support our student base in developing a better understanding of the subject and appreciation of methods used. Well done Maths!

Digital Arts Media Technology Action Group

You are invited to join us for a DAMTAG meeting on 14th June Monday afternoon in the Graduate Centre.

There will be informal sharing of recent research, innovation and practice across LondonMet Faculties in areas of Digital Media Art and Technology. Information from maureen.kendal@londonmet.ac.uk

London Met panellist at Semiconductor Forum



Last week Professor Mike Brinson took part, by invitation, in the GSA/IET 7th Semiconductor Forum here in London. Papers were given in the panelist format, four speakers per subject panel, each lasting one and a half hours. For the last few years Mike has been involved in the

international standardisation effort to get Verilog-A adopted for compact modelling of semiconductor devices. The event here in London was one of a number of activities taking place internationally. For REF 2013 it will help FoC establish both impact and esteem for our research.

Mike Brinson (pictured) holds a PhD in Solid State Physics from London University and is a Chartered Engineer (CEng) and a Fellow of the Institute of Engineering and Technology (FIET), a Chartered Physicist (CPhys) and a member of the Institute of Physics. Currently, he is a visiting Professor at the Centre For Communications Technology, London Metropolitan University, U.K. His current research interests centre on the development of software tools for modelling and performance testing of established and emerging semiconductor technologies. Since 2006 Dr Brinson has been a member of the Qucs (Quite universal circuit simulator) development team, specialising in compact device and circuit modelling and testing. Qucs is an open source sourceforge.net project whose primary mission is the development of a circuit simulator software package with integrated GUI, and a compact device and circuit macromodelling tool from DC to RF and beyond. Qucs is licensed under the GNU Public Licence (GPL). Current research activity is concentrating on the development of VHDL, Verilog and Verilog-A component models linked to C++ circuit simulator code via XML interfaces. Emerging CMOS, optical, thermal and mechanical technologies are also forcing new equation-defined device approaches to the software engineering of circuit simulators and component models.

FoC features in e-Teaching Workshop

Three FoC staff are delivering papers at the 4th Annual "e" Teaching and Learning Workshop run by the Higher Education Academy Subject Centre for ICS together with the University of Greenwich on 1st June.

Dafna Hardbattle and Ken Fisher are presenting 'A generic design pattern for learning object reuse'.

Quan Dang is presenting 'A web-based e-learning environment for collaborative learning of object oriented design'.

JISC call for e-Content bids

The Joint Information Systems Committee (JISC) invites institutions to submit funding proposals for projects to be funded through its e-Content and Digitisation Programme. Funding of up to £150,000 is available for projects addressing the impact and embedding of digitised resources. It is anticipated that 4-6 projects will be funded and the maximum funding for any one project is £40,000

The purpose of this call is twofold:

- Firstly, to facilitate institutions in carrying out an analysis of the impact of their digitised resources/collections that have been live for at least one calendar year.
- To develop strategies and practical solutions to ensure the increased use and impact of the resources in teaching, learning and research within higher education.

The deadline for receipt of proposals is 12 noon UK time on Friday 9 July 2010. A full version of the call can be found at:

http://snipurl.com/jisc_call_for_e-contentbids

Diary

Tuesday 1st June.....2.00pm-4.00pm

FoC UG & PG Course Leaders Group Meeting room T1-20

Thursday 3rd June.....2.00pm-4.00pm

FoC Research Committee Meeting room T9-05

All items for future newsletters by Thursday 17.00 to p.chalk@londonmet.ac.uk

Second Research Student Seminar



Last Tuesday FoC Research Students and their supervisors met to have their second Research Student Seminar.

Mohamad FARHAT (pictured right) presented the main research results of his PhD project 'Novel Narrowband Microstrip Filters for Wireless Communications Systems', the thesis of which he successfully defended in April.

Until recently, traditional methods of allocating spectrum and assigning channels have ensured effective and efficient use of the spectrum. Today, the rapidly expanding competition for spectrum use for wireless communication systems and the practice of spectrum auctions have increasingly necessitated the efficient usage of the limited frequency spectrum. In addition, with increasing subscriber numbers the interference between different systems is likely to increase. To avoid inter-modulation in the RF front ends, highly selective preselect filters are required for an efficient exploitation of the spectrum. Hence the aim of this research was to investigate novel microwave resonant structures that enable fabrication of compact narrowband microwave filters.



Muhammad ALI (pictured) presented the current state of his PhD project 'Some Aspects of Fitting Multinomial Models in a GLM Framework'.

In this research he is considering how an iteratively re-weighted least squares algorithm can be used to fit a multinomial regression models, with the logit link function or own link functions, with any number of explanatory variables. The responses of each individual can be

aggregated and the data can then be represented in a contingency table as it was given in examples in his presentation.

The approach in this research applies an interesting and simple form of the Cholesky decomposition to a matrix that consists of diagonal sub-matrices to find the iterative weight matrix W_{ij} . This method requires no matrix algebra facilities as all the calculations are carried out in an array format. This makes it amenable to implementation in most statistical software, including GLIM and shows how to fit a multinomial logit model without recourse to the Poisson trick approach of Francis et al (1992).

The method also allows finding the 'hat-matrix' as is needed in the calculation of leverages and Cook's distances. These statistics in general can be used for diagnostic purposes or to detect the influential observations but in multinomial models the 'hat-matrix' may have a very little or no use at all to detect any inappropriate observation.

Jorum news

The May edition of the Jorum Update newsletter is now available at the Jorum website.

This edition features the release of the Jorum Learning and Teaching Competition - now open and accepting entries. The closing date for entries is the 25th June. We also take a look at a number of key events, including the JISC conference and plans for ALT-C in September. See updates on the Jorum Community Bay, a new Jorum story, and further details on the recent online JorumOpen survey.

Read more at: <http://www.jorum.ac.uk/news/newsletter.html>