Venue: TC103, Park Campus, Univ of Glos, Cheltenham, GL50 2RH. *7,30pm, coffee 7pm*

If traveling from afar please check at:
www, bcs. org/chelt
There is a bus service from the rail station forecourt, to the university at: 17:30, 18:30 and 19:30
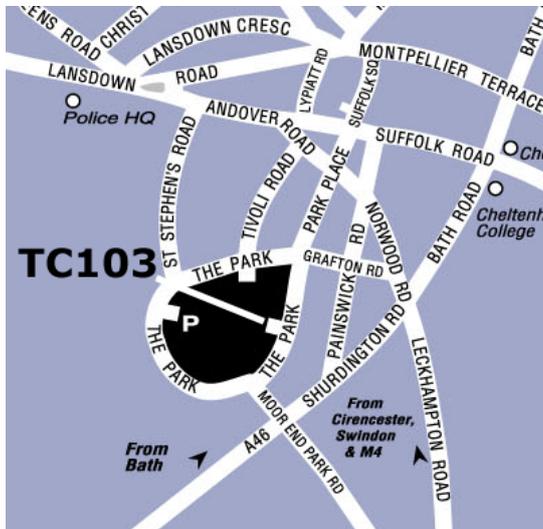**Office hrs   Tel 01242 714700**
After 5pm   Tel 01242 714402

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2012-2013 Events

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Secretary   Ian Gale MBCS

16 Oct 12, Tuesday
Mobile Device Forensics
Shaun Sutcliffe,Technical Trainer, Micro Systemation

With increasing importance mobile forensics is becoming ever more critical to criminal and civil investigations due to the increasing complexity of top of the range smart phones and tablets. Such mobile devices are capable of storing vast amounts of data inconceivable just a few years ago**.**

13 Nov 12, Tuesday
Modelling the Railway Network
Mark Casson,
Was the British railway system built by the Victorians too large? Did it involve wasteful duplication of lines? Were the Beeching closures of the 1960s inevitable? Despite a very large literature there is no real agreement on the answers. Mark Casson has created a map of what the Victorian railway system might have looked like if the British parliament had taken advice offered by William Gladstone MP and the Earl of Dalhousie back in 1844. The map is constructed using a heuristic approach to the optimisation of spatial networks. Details are available in The World's First Railway System, published in 2009 by Oxford University Press.

11 Dec 12 Tuesday
Iris Recognition Biometrics
Martin H. George, Smart Sensors Ltd

This talk will address the role of development within agencies and in-house teams. It will explore the ways in which the focus of development has changed and with it the typical role of a developer. This is no longer simply to code but also includes integration with marketing and metrics. Given the right environment development teams can drive progress and innovation.

15 Jan 2013, Tuesday
Social Media Branding For Computing Professionals
Dr. Thomas Lancaster, Birmingham City University.

In this era of easy online access to information about any individual or service, it is essential for those working in the computing trade to professionally present and promote themselves on the World Wide Web. Dr. Thomas Lancaster from Birmingham City University teaches his own computing students how to increase their employability prospects by building themselves into their own professional online brand. He also runs workshops on social media marketing and branding aimed at academics.

12 Feb 2013, Tuesday
Selling value in IT and services
John Forster, MD, Salescore Ltd.
In lean times the focus on successfully selling IT services and products comes under more intense scrutiny than normal. Each year customers demand more for each pound spent. It is therefore critical to establish the value of your products and services, and focus your sales efforts in the right place to give yourself the best chance of success.
Join us at this session where we will de-mystify the gloss and blow away the bluster of selling while we focus on pragmatic approaches to win more business. We will look at the differences between the art of selling and the science of selling, and yes the pixie dust too!

26 Feb 13, Tuesday
Power & Cooling in the Data Centre - Green Developments.
Up to date discussion and address the Green Issues. Details to follow

12 Mar 2013, Tuesday
Optimisation
Arthur Lawrence, Consultant, CEng, FBCS
"Early computers were very slow and only had tiny amounts of memory available compared to today's machines. For example the PDP15 could have between 4 and 131 kilowords of memory and typically shipped with only 16 k-words of memory. To maximise memory and speed up processing, optimisation was common. With today's ultra-high speed processors and seemingly limitless amounts of memory (most machines have more than 1 Gb of memory and 1 Tb disks are fairly common) it is a little surprising that compilers still optimise code for increased execution speed and reduced memory usage. The use of optimisers in real time systems can introduce errors into code. This talk will examine the optimisation process and will describe some erroneous code produced by optimisers that has been discovered during the course of a research project."

16 Apr 2013, Tuesday
Network infrastructure design and implementation.
Colin Butcher, Consulting Engineer, xDelta Ltd
This talk will cover the principles behind the design and implementation of data and storage network infrastructures and how systems connect to them. The fundamental principles of data transmission, reliability and performance apply across networks ranging from a few computers in an office at home to a large data centre. Understanding the principles and techniques allow you to plan ahead when designing and implementing networks, thus allowing you to minimise the need for wide ranging changes as your network infrastructure requirements evolve over time.

14 May 2013, Tuesday
Telephone Hacking Scandal
Matt Wilson, Crosby Communications
This talk will be on the recent phone hacking scandal, exploring how the voicemail systems of various communications providers have been compromised, what went wrong and who's to blame. Discuss how communications providers have responded to the scandal and what is being done to provide secure messaging to customers in the future.