BCS
THE BRITISH COMPUTER SOCIETY
OXFORDSHIRE BRANCH

2002/03 Programme

Meetings:

- are held monthly from September to May
- take place, unless otherwise stated, at the Computing Laboratory, Wolfson Building, Parks Rd, Oxford
- begin at 7.30pm, with light refreshments usually available from 7.00pm
- end at around 9.00pm
- are mostly accredited for CPD purposes, with certificates available to attending members
- **ARE OPEN TO NON-MEMBERS.**

After each meeting, some of the committee visit the Lamb and Flag public house (5 mins walk). All are welcome to join for informal chat.

For more details, or any late changes, see
http://www.bcsoxon.org/

Location of the Wolfson Building

Car Parking

Several spaces are available at the Wolfson Building, and there are parking meters nearby (current charge £1.50 per evening).

Mid-May 2003
END-OF-SEASON VISIT
Details to be announced.
Please refer to the Branch website at
www.bcsoxon.org
for details as they become known.

Oxfordshire Branch Committee Members

Geoff Stone *(Chairman)* **geoff.stone@bcs.org.uk**
Neill Lawson-Smith *(Secretary)* .... **nls@bcs.org.uk**
Tony Cox *(Treasurer)* ..... **Tony.Cox@Wlucy.co.uk**
Geoff Aldridge ...... **geoff.aldridge@bcs.org.uk**
Brian Day .... **brian.day@bcs.org.uk**
Keith Diment .... **kdiment@bcs.org.uk**
Judd Flogdell .... **juddflogdell@yahoo.co.uk**
Cheryl Griffiths **cheryl_cyrilfiths@yahoo.co.uk**
Sheila Lloyd-Lyons **Sheila.LloydLyons@bcs.org.uk**
Simon Marsh .... **marsherad$tone.co.uk**
Ted Murphy. .... **EGMurphy@compuserve.com**
Brian Read .... **Brian.Read@bcs.org.uk**
Peter Simpson **peter_simpson_bcs@hotmail.com**
Roy Tilakraj, ... **jbavraj@hotmail.com**
Adrian Walmsley **adrian.walmsley@uk.ibm.com**
Robert Ward .... **robert.ward@bcs.org.uk**

Thursday 12 September 2002
ETHICAL HACKING
William Hau, *IBM Global Services Ethical Hacking team leader.*
Security is a hot topic, with businesses and governments increasingly concerned about legal liability and cyber-terrorism. William Hau shows how easy hacking can be if security is not taken seriously, and how hackers think. He discusses new developments in both hacking and countermeasures.

Thursday 10 October 2002
USING OPEN SOURCE TOOLS TO IMPROVE THE SOFTWARE DEVELOPMENT PROCESS
Dean Margerison, *CTO, Dmos Ltd.*
The Open Source community provides a rich variety of tools that can be used to implement development methodologies such as Extreme programming and the Rational Unified Process.
   Dean looks at some of the tools available and the issues associated with making them work.
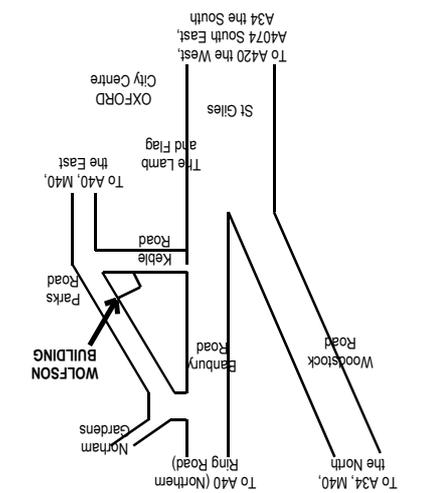
Thursday 24 October 2002
MEET THE COMMITTEE
from 7pm in The Lamb & Flag, St Giles, Oxford
Join the Committee for food and drink. This is an ideal opportunity to see the committee, offer ideas and network with other IT professionals.

Thursday 7 November 2002
THE LITTLE AND LARGE SHOW
Prof AP Willmore, *School of Physics and Astronomy, University of Birmingham.*

Since WWII, technical developments have enormously broadened the range of wavelengths in the electromagnetic spectrum in which astronomers can make observations of the Universe; observations can now be made from gamma-rays to radio waves. Each of these bands tends to give a different, characteristic view of the Universe. For example, observations in the X-ray band emphasise both compact stars like neutron stars and black holes, which are the smallest massive objects in the Universe, and clusters of galaxies, which are the largest stable structures in the Universe.
   The talk will review X-ray astronomy at the present time, without assuming any particular prior knowledge of astronomy.

Thursday 12 December 2002
PROTECTING THE INVENTORS
Trevor Bayliss *(inventor of Clockwork Radio).*
Trevor Bayliss will discuss his experiences as a successful Inventor, and how he has protected the Intellectual Property Rights of his work.
   This presentation will be of interest to anyone creating leading edge techology that they want to protect from unauthorised exploitation and gain recognition for their achievements.

Thursday 23 January 2003
QUANTUM CRYPTOGRAPHY AND QUANTUM KEY EXCHANGE
Dr Mick Ganley, *freelance security consultant specialising in data security and e-commerce.*
Can modern physics render many cryptographic algorithms obsolete and yet at the same time solve the age-old problem of distribution of cryptographic keys?

Thursday 20 February 2003
GRID COMPUTING USING SCREENSAVERS
Prof W Graham Richards, *Chairman of Chemistry, University of Oxford.*
Computational chemistry has played a part in the discovery of new drugs for over 20 years, but the completion of the human genome sequencing and the rapid increase in available target structures has accelerated this work.
   Testing to see whether a given small molecule with drug-like properties will bind to a protein presents an enormous computational challenge. In a notably successful venture, we have used a screensaver which involves some two million PCs across the world, permitting the testing of billions of compounds in a matter of days.

Thursday 6 March 2003
MEET THE COMMITTEE *(as 24 Oct. 02).*

Thursday 20 March 2003
SOLVING BUSINESS PROBLEMS WITH MICROSOFT TECHNOLOGY
Neil Slater, *MD, CIBER Solution Partners (UK)*
Founded in 1974, CIBER's 5,000 IT specialists serve customers from 60 offices in six countries. In the UK, CIBER is one of only a handful of double-certified Microsoft Gold Partners.
   Neil will be speaking about leading-edge Microsoft technology and how it is being used in the real world to solve business problems.

Thursday 10 April 2003
ANNUAL GENERAL MEETING
(after Cheese & Wine buffet), followed by
NAME THIEFS
Emily Taylor, *Nominet UK Ltd*
Cyber Squatting of company names and trademarks has become big business for ruthless individuals and competing organisations. Nominet act as official arbitrators for Internet Domain Names and decide who has the title to the best names on the Internet.
Emily Taylor is a Solicitor within the Disputes Arbitration Service of Nominet and she will highlight cases that they have been involved with.