

BCS-FACS Christmas Meeting

The Verified Software Repository

21 December 2004

Formal Aspects of Computing Science
BCS London Offices

First Floor, The Davidson Building
5 Southampton Street, London WC2E 7HA

Grand Challenge in Dependable Systems Evolution

Organized by Juan Bicarregui & Jim Woodcock
(Programme Co-Chairs), and Jonathan Bowen &
Paul Boca (Organizational Co-Chairs) with advice
from Tony Hoare, the Grand Challenges 6 Chair.

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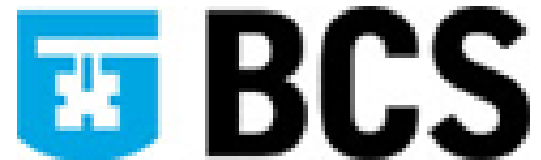
www.bcs-facs.org/events/xmas2004.html

The event is sponsored by:

BCS-FACS Specialist Group

DIRC EPSRC-funded Dependability IRC

The British Computer Society



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Morning (Chair: Jonathan Bowen, LSBU)

10:00 - 10:30 Coffee and Registration

10:30 - 11:15 Tony Hoare, Microsoft Research

The Verified Software Repository

11:15 - 12:00 Colin O'Halloran, QinetiQ

Formal Methods - What difference does it make?

12:00 - 12:45 Michael Butler, Univ of Southampton

Overview of B Applications and Tools

12:45 - 13:45 Lunch

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Afternoon (Chair: Jim Woodcock, Univ of York)

13:45 - 14:30 **Tom Melham, University of Oxford**
Reflections on Embedded Proof Support and Customised Verification Tools

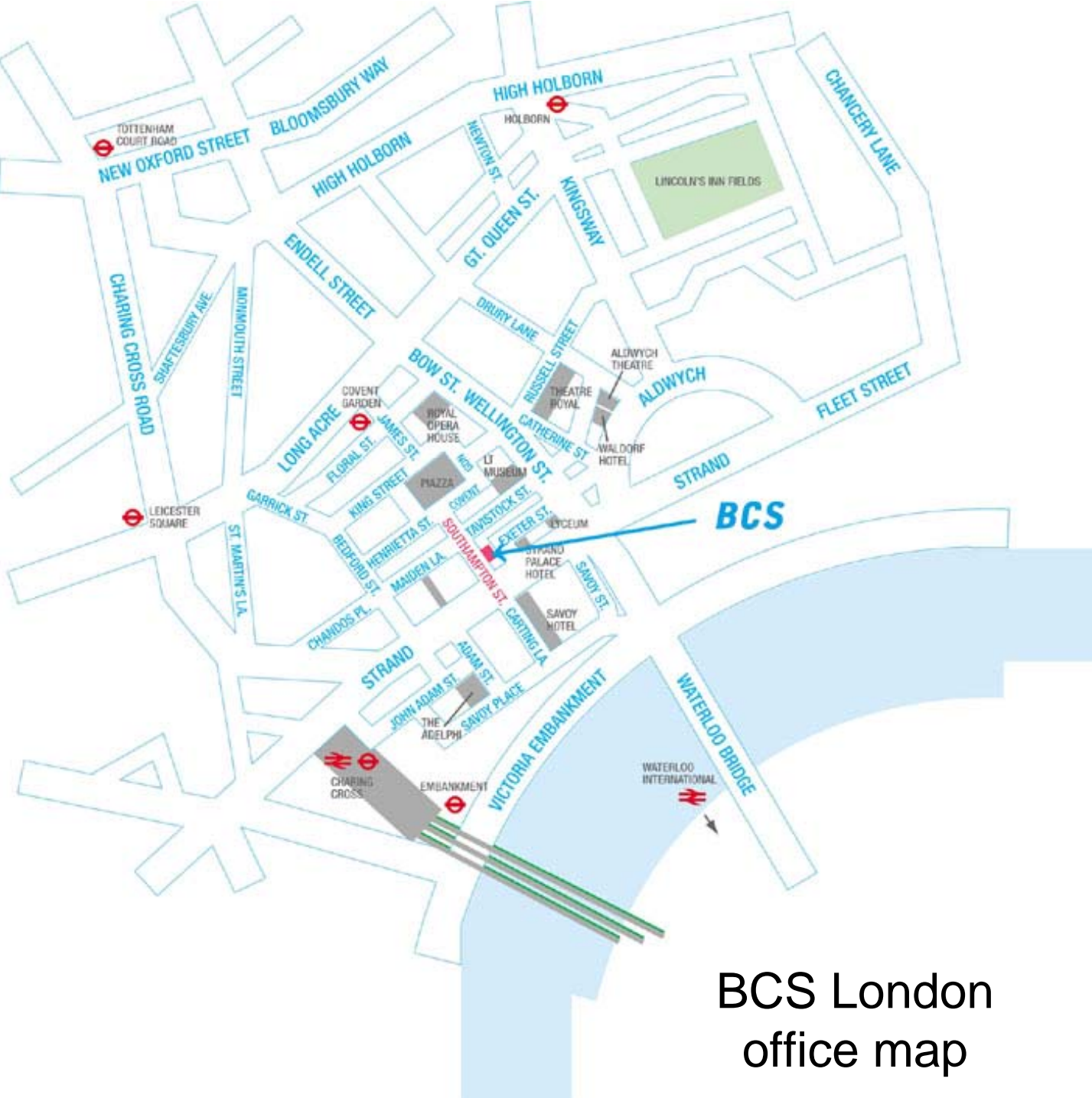
14:30 - 15:15 **Rod Chapman, Praxis**
Some recent results with SPARK

15:15 - 16:00 **Juan Bicarregui,**
CCLRC Rutherford Appleton Laboratory
Establishing the Verified Software Repository: Current Plans

16:00 - 17:00 **Reception**

*Happy
Christmas!*

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BCS London
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