SCSC

www.scsc.org.uk/events

EWICS TC7
www.ewics.org

SAFECOMP 2008

www.safecomp2008.org

This workshop is an Associated Event of SAFECOMP 2008 and is co-located with it in Newcastle upon Tyne.

EWICS

This international workshop is organised in cooperation with the European Workshop on Industrial Computer Systems Reliability, Safety and Security.

The Safety-Critical Systems Club announces its 58th event

The Relationship between Safety and Security in Software-Based Systems

25 September 2008

Research Beehive, Newcastle University

The fields of safety and security have developed differently, and largely independently, as the application of computer systems in many domains has itself developed over the past half-century or so. Safety has been concerned with computer misbehaviour, usually within systems that operate in a highly constrained environment; security has been focused on computer misuse, particularly where systems are networked and remotely accessible. But advances in networking technologies mean that safety and security can now both be significant for a single system, and should no longer be treated separately.

After morning presentations by leading experts in both safety and security, the afternoon will be devoted to a workshop discussion giving all attendees the opportunity to debate issues raised by the speakers, and to raise concerns of their own.

Among the questions addressed will be the following:
- *Why have recent years seen an increased emphasis on both safety and security?*
- *Are these two concerns the same from a software engineering point of view?*
- *To what extent can common techniques be used to demonstrate adequacy of both safety and security?*
- *What are the security concerns for safety-related systems, and how can they be addressed?*
- *What are the implications of regulatory changes in the security and safety domains?*

Cost and registration

The cost of this one-day event is £145, including lunch and refreshments (VAT is not charged), with a £50 discount available to those also attending SAFECOMP. Non-members of the SCSC may wish to take this opportunity to join the Club, for which the annual subscription is £95 (of which £14.15 is VAT). Please complete the tear-off slip overleaf and return with your remittance; early registration would be greatly appreciated and may help to avoid disappointment. Joining instructions will be sent to registered delegates approximately two weeks prior to the event. Delegates are responsible for arranging their own accommodation (if required).

The Relationship between Safety and Security in Software-Based Systems

Thursday 25 September 2008

Research Beehive, Newcastle University

Programme

08:45 **Registration and Coffee**

09:20 Introduction

09:30 Robert Dewar
Cofounder and CEO of AdaCore
Emeritus Professor of Computer Science
Courant Institute, New York University
    Safety and Security, Two Sides of the Same Coin?

10:05 Odd Nordland
Senior Research Scientist
SINTEF ICT, Dept of Software Engineering,
Safety and Security, Trondheim
    Some Security Aspects in Safety-Related Systems

10:40 **Coffee**

11:10 Francesca Saglietti
Professor of Software Engineering
University Erlangen-Nuremberg
    Common Analysis and Verification Techniques for Safety- and Security-Critical Software Systems

11:45 Dave Jackson and Brian Dobbing
Praxis High Integrity Systems, Bath
    Changing Regulation in Safety and Security – Implications and Opportunities

12:20 Hans Daniel
Formerly of the German Federal Office for
Information Security (BSI), Bonn
    Security in Safety Systems: the Need to Step beyond Traditional Engineering

12:55 **Lunch**

13:55 Club business

14:00 Workshop discussion of issues raised by the morning speakers

16:00 **Tea and departure**

Safety-Critical Systems Club: I would like to attend the workshop on 25th September 2008

Name .... Organisation ....

Address ....

Telephone .... Email ....Vegetarian: Yes/No

❑ I am attending SAFECOMP, so qualify for a £50 discount   ❑ I would like to pay an additional £95 to join the SCSC

To pay by cheque, please enclose a cheque for £95/£145/£190/£240 payable to: Newcastle University (CSR)

To pay by credit card, please complete the following details: ❑ MasterCard ❑ Visa ❑ American Express

Name on card .... Card No ....

Amount to be charged .... Expiry date .... Security No ....

Cardholder's Address ....

Return this registration slip to:

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