

FINAL PROGRAM



2003



2003



14-16. April 2003
Plymouth, United Kingdom

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General Information

1.1 Conference Location

The Conference is held at the Robins Conference Centre (denoted by number 30 on the map at the back of this booklet) of the [University of Plymouth](http://www.plymouth.ac.uk) (www.plymouth.ac.uk)

The registration desk will be placed at the entrance of the hallway on the basement floor. Registration will start on Sunday, April 13 at 4.30 p.m. till 5.30 p.m. On Monday and Tuesday it will be from 8.30 a.m. - 5.00 p.m. with Wednesday registration only from 8.30 a.m.- 09.00. a.m.

ALL MAPS ARE AT THE BACK OF THIS PROGRAMME

1.2 How to get there

By Air

There are regular flights to Plymouth City Airport from London Gatwick and other destinations including Bristol, Cork, Jersey and Guernsey. Plymouth City Airport is within four miles of the Plymouth campus location. Direct services currently include London Gatwick, Newquay (Cornwall), Bristol, Jersey, Guernsey and Cork.

By Rail:

The rail station is just a few minutes' walk from the main campus at Plymouth. There is a regular train service from Plymouth to London Paddington which takes between three and three-and-a-half hours. There are other direct services from Plymouth to South Wales, the Midlands, the North of England and Scotland.

For rail enquiries, call 08457 484950 or visit <http://www.nationalrail.co.uk> or you can go to www.raileurope.com

The [railway timetable site](#) contains information on rail travel and timetables in the UK. It is strongly recommended that you confirm times and services with the rail enquiries phone line. Tel +44 (0) 845 4849 50.

By coach

There are regular coach services from most major cities to Plymouth. The coach service from Bretonside Bus Station in Plymouth to London Victoria Train Station goes via Exeter and takes just four-and-a-half hours.

There is also a direct coach from London Heathrow airport. Travel time from Heathrow is 4 hours. The university campus and most hotels are less than 10 min walking distance from the train station or the bus station.

The [go-by-coach site](#) provides information and timetables for coach travel in the UK. The site also offers an online booking service. There are also coaches from various

European cities.

Or try for coach enquiries, call 08705 808080 or visit <http://www.gobycoach.com>

By car

Plymouth is easily reached by following the M5 motorway and then continuing on the A38 Devon Expressway via Exeter (M5). Both Seale-Hayne (Newton Abbot) and Exmouth are reached via the M5/A38. It's about a three-and-a-half-hour journey from London to Plymouth.

The Conference Hotels:

The participants are staying at:

Holiday Inn Plymouth Cliff Road The Hoe PL1 3DL Plymouth, UK Tel: +44.870.400.9064 Fax: +44.1752.507.845	Plymouth Moat House Armada Way PL1 2HJ Plymouth, UK Tel: +44.1752.639.988 Fax: +44.1752.673.816	Copthorne Armada Way PL1 1AR Plymouth, UK Tel: +44.1752.224.161 Fax: +44.1752.600653
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1.3 Badges

Each registrant will receive a name badge upon registration. The badge must be worn in order to be admitted to the technical sessions, lunches and social event.

1.4 Badge Tags

Extra tags for the social event and lunches are available from the registration desk.
Price: (or equivalent in another currency) for extra tickets

conference dinner:	50 EUR
lunch	25 EUR

1.5 Registration

The Euromedia-ECEC'2003 Registration Desk will be open for information and registration:

Sunday, April 13 4.30 p.m. to 5.30 p. m. in the basement
Monday, April 14..... 8.30 a.m. to 5.00 p. m. in the basement
Tuesday, April 15 8.30 a.m. to 5.00 p. m. in the basement
Wednesday, April 16 8.30 a.m. to 9.00 in the basement

1.6 Conference Proceedings

Each fully paid registrant will be provided with a copy of the Conference Proceedings (printed format) **This is NOT applicable to students who are not authors.**
(Extra copies, are available on a cash and carry basis at special rates during Euromedia'2003-ECEC2003)

Price:(or equivalent in another currency) for an extra copy

EUROMEDIA'2003 Proceedings	50 EURO
ECEC'2003 Proceedings	50 EURO

1.7 Meeting Rooms

The meeting rooms are in the basement of the Robins Conference Centre.

1.8 Internet Connections

An internet room (ROOM C) will be available for the conference participants during the conference. It will be open from Monday morning till Wednesday lunchtime.

1.9 Need Help?

Please see the conference desk for your questions

1.10 Social Events and Lunches

All registrants are invited to

The get-together party on Sunday April 13th at 5.30 p.m.- 6.30 p.m. at the Robins Conference Centre

All lunches are served at **the University of Plymouth**

The Conference Dinner and Cruise

All participants are invited to the conference dinner and Cruise on Tuesday the 15th of April. As we need to give an exact number of participants we would appreciate **your confirmation at the desk before Monday evening.**

1.7 Best Paper Award

During the conference the papers, which were accepted as extended papers will be judged by the committee in order to choose the best paper of the EUROMEDIA'2003 and ECEC'2003 conference.

1.8 Paper Legend:

O= Overhead
SL= Slide Projector
LCD= Projector
VCR= Video
PC= PC

**ALL SESSION CHAIRPERSONS IN THIS PROGRAM ARE
PROVISIONAL**

**THE NUMBERS NEXT TO THE PRESENTATIONS DENOTE
THE PAGE-NUMBERS IN THE PROCEEDINGS. IF NO
NUMBERS ARE MENTIONED THEN THIS PAPER IS NOT
PUBLISHED IN THE PROCEEDINGS**

**THE AUTHORS WHO ARE UNDERLINED ARE NORMALLY
THE PRESENTERS**

**PAPERS IN GREY BOXES ARE THE EXTENDED PAPERS
ELIGIBLE FOR THE BEST PAPER AWARD**

CHECK OUT THE OTHER EUROSIS EVENTS ON OUR WEBSITE:

<http://biomath.rug.ac.be/~eurosis>

And

<http://www.eurosis.org>

SUNDAY, 13th APRIL 2003			
16.30-17.30	REGISTRATION		
17.30-18.30	WELCOME PARTY AT THE UNIVERSITY OF PLYMOUTH, ROBINS CONFERENCE CENTRE.		
MONDAY, 14th APRIL 2003			
08.30-17.00	REGISTRATION		
09.00-10.00	OPENING SESSION AND KEYNOTE SPEECH BY RICHARD STARNES – CABLE & WIRELESS		
10.00-10.30	COFFEE BREAK		
10.30-12.30	PARALLEL SESSIONS		
	MAIN HALL	ROOM A	ROOM B
	MULTIMEDIA TECHNOLOGIES I	ORGANIZATION AND MANAGEMENT	INTERNET
12.30-13.30	LUNCH BREAK		
13.30-15.00	PARALLEL SESSIONS		
	MAIN HALL	ROOM A	ROOM B
	NETWORK APPLICATIONS	PROCESS MANAGEMENT I	INTERNET
15.00-15.30	COFFEE BREAK		
15.30-18.00	PARALLEL SESSIONS		
	MAIN HALL	ROOM A	ROOM B
	DISTRIBUTED ENVIRONMENTS	PROCESS MANAGEMENT II	BACK-UP SESSION
			INTERNET
FREE EVENING			

TUESDAY, 15th APRIL 2003				
08.30-17.00	REGISTRATION			
09.00-10.00	PARALLEL SESSIONS			
	MAIN HALL	ROOM A	ROOM B	ROOM C
	ENGINEERING DATA MANAGEMENT I	MOBILE AND WIRELESS TECHNOLOGIES I	EU-GAMENET	INTERNET
10.00-10.30	COFFEE BREAK			
10.30-12.30	PARALLEL SESSIONS			
	MAIN HALL	ROOM A	ROOM B	ROOM C
	ENGINEERING DATA MANAGEMENT II	E-LEARNING AND TRAINING I	MULTIMEDIA TECHNOLOGIES II	INTERNET
12.30-13.30	LUNCH BREAK			
13.30-15.00	PARALLEL SESSIONS			
	MAIN HALL	ROOM A	ROOM B	ROOM C
	ORGANIZATION AND MANAGEMENT I	NETWORK MONITORING AND MODELLING	SECURITY	INTERNET
15.00-15.30	COFFEE BREAK			
15.30-18.00	PARALLEL SESSIONS			
	MAIN HALL	ROOM A	ROOM B	ROOM C
	ORGANIZATION AND MANAGEMENT II	COMMUNICATION TECHNOLOGIES	PRACTICAL APPLICATIONS AND EXPERIENCES	INTERNET
18.30-22.00	CONFERENCE DINNER AND CRUISE			

WEDNESDAY 16th APRIL 2003				
08.30-09.00	REGISTRATION			
09.00 10.00	PARALLEL SESSIONS			
	MAIN HALL	ROOM A	ROOM B	ROOM C
		MOBILE AND WIRELESS TECHNOLOGIES ii	COLLABORATIVE CE ENVIRONMENTS	INTERNET
10.00-10.30	COFFEE BREAK			
10.30 12.30	PARALLEL SESSIONS			
	MAIN HALL	ROOM A	ROOM B	ROOM C
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Sunday 13th April 2003

16.30 - 18.30

Registration

16.30- 17.30

ECEC-EUROMEDIA 2003

Welcome Party

17.30 – 18.30

**UNIVERSITY OF PLYMOUTH
ROBINS CONFERENCE CENTRE**

Welcome Party

Welcome

Monday, 14th April 2003

HALLWAY

Registration

08.30 - 09.00 -- 09.15 - 17.00

ROOM A

09.00 – 09.15

**Opening ECEC 2003- EUROMEDIA2003 and
Welcome**

Welcome Address

Dr. Steven Furnell

University of Plymouth

Euromedia'2003, General Conference Chair and Conference Host

Dr. Uwe Baake

DaimlerChrysler, Brazil

ECEC'2002 General Conference Chair

Philippe Geril

EUROSIS Coordinator and Director ETI

Monday, 14th April 2003

MAIN HALL

9.15 - 10.10

Incident Response and Investigation Management for Information Systems Security Compromises

Richard Starnes, MSc, CISSP (Lead CBK Instructor), MCSE

Incident Response Team Leader, Europe

Cyber Attack Tiger Team (CATT)

The Digital Firemen

Cable and Wireless Internet Services.

Abstract

In today's business environment we are faced with increasing cost pressures, exploding worldwide competitive markets, rapidly changing technology, increasing information dependency and just to make things a bit more interesting, an ever-increasing threat environment.

In this presentation we will define the current threat environment for information systems. Who are the perpetrators? What are their goals and motives? We will also briefly discuss some of the methods used to breach information systems. In addition, we will cover such issues as: legal problems, public relations, risk management, downstream liability and government requirements

We will look at the idea of incident response using the React, Respond and Recover paradigm. The react portion covers: policy and procedures review, triage, personnel management, information collection and appropriate action. Second respond deals with: information gathering and assessment, stopping the attack, securing the crime scene, preservation of evidence, forensic examination, law enforcement involvement and root cause analysis. Lastly, recover deals with: raising security expectations, evaluation of the current security posture, creation of an implementation plan, oversight and validation of the implementation and after action review

Attendees should come away from this presentation with a greater understanding of the complex nature of information security, incident response and investigation management.

Keynote - Monday

Monday, 14th April 2003

**10.00 - 10.30
COFFEE BREAK**

10.30 – 12.30

**MAIN HALL- 10.30-12.30
MULTIMEDIA TECHNOLOGIES I**

Chair: Steven Furnell, University of Plymouth, Plymouth, UK



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ROOM A- 10.30-12.30

ORGANIZATION AND MANAGEMENT I

Chair: Joachim Herbst, DaimlerChrysler AG, Ulm, Germany



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INTERNET ROOM ACCESS



12.30 - 13.30

LUNCH BREAK

13.30 – 15.00

MAIN HALL- 13.30-15.00

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Chair: Paul Dowland, University of Plymouth, Plymouth, UK



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Monday, 14th April 2003



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INTERNET ROOM ACCESS

15.00 - 15.30

COFFEE BREAK

15.30 – 18.00



MAIN HALL 15.30-18.00

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ROOM B - 15.30-17.30

BACK-UP SESSION

This session is open to all authors who cannot present their papers in the allocated sessions.



Parallel Sessions - Monday

Parallel Sessions - Monday

Monday, 14th April 2003

**ROOM C- 15.30-17.30
INTERNET ROOM ACCESS**



FREE EVENING

Tuesday, 15th April 2003

HALLWAY

Registration

08.30 - 17.00

09.00 – 10.00



MAIN HALL- 09.00-10.00

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Chair: Steven Furnell, University of Plymouth, Plymouth, UK

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Chair: Quasim Mehdi, Univ.of Wolverhampton, Wolverhampton, UK
EU Network of Excellence for Computer Games Research



ROOM C- 09.00-10.00

INTERNET ROOM ACCESS



10.00 - 10.30

COFFEE BREAK

10.30 - 12.30

MAIN HALL 10.30-12.00

**ENGINEERING DATA MANAGEMENT AND INFORMATION
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Chair: Paul Stratil, DaimlerChrysler AG, Stuttgart, Germany



58-LCD

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ROOM C- 10.30-12.30

INTERNET ROOM ACCESS

Parallel Sessions - Tuesday

Tuesday, 15th April 2003

12.30 - 13.30
LUNCH BREAK

13.30 - 15.00



MAIN HALL 13.30-15.00

ORGANIZATION AND MANAGEMENT II

Chair: Uwe Baake, DaimlerChrysler do Brasil, Sao Paulo, Brazil

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Chair: Paul Dowland, University of Plymouth, Plymouth, UK

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ROOM C- 13.30-15.00

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15.00 - 15.30

COFFEE BREAK

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MAIN HALL - 15.30-17.00

ORGANIZATION AND MANAGEMENT III

Chair: Uwe Baake, DaimlerChrysler do Brasil, Sao Paulo, Brazil



116-LCD

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**ROOM C- 15.30-17.30
INTERNET ROOM ACCESS**



18.30 – 21.00

ECEC-EUROMEDIA 2003 Conference Dinner and Cruise

Parallel Sessions - Tuesday

Wednesday, 16th April 2003

HALLWAY

Registration

08.30 - 09.00

09.00 – 10.00

ROOM A - 09.00-10.00

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Chair: Paul Dowland, University of Plymouth, Plymouth, UK



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ROOM C- 09.00-10.00

INTERNET ROOM ACCESS

Wednesday, 16th April 2003

10.00 - 10.30

COFFEE BREAK

10.30 - 12.30

ROOM A - 10.30-12.30



E-LEARNING AND TRAINING II

Chair: Jeanne Schreurs, Limburg Univ.Centrum, Diepenbeek, Belgium

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Wednesday, 16th April 2003

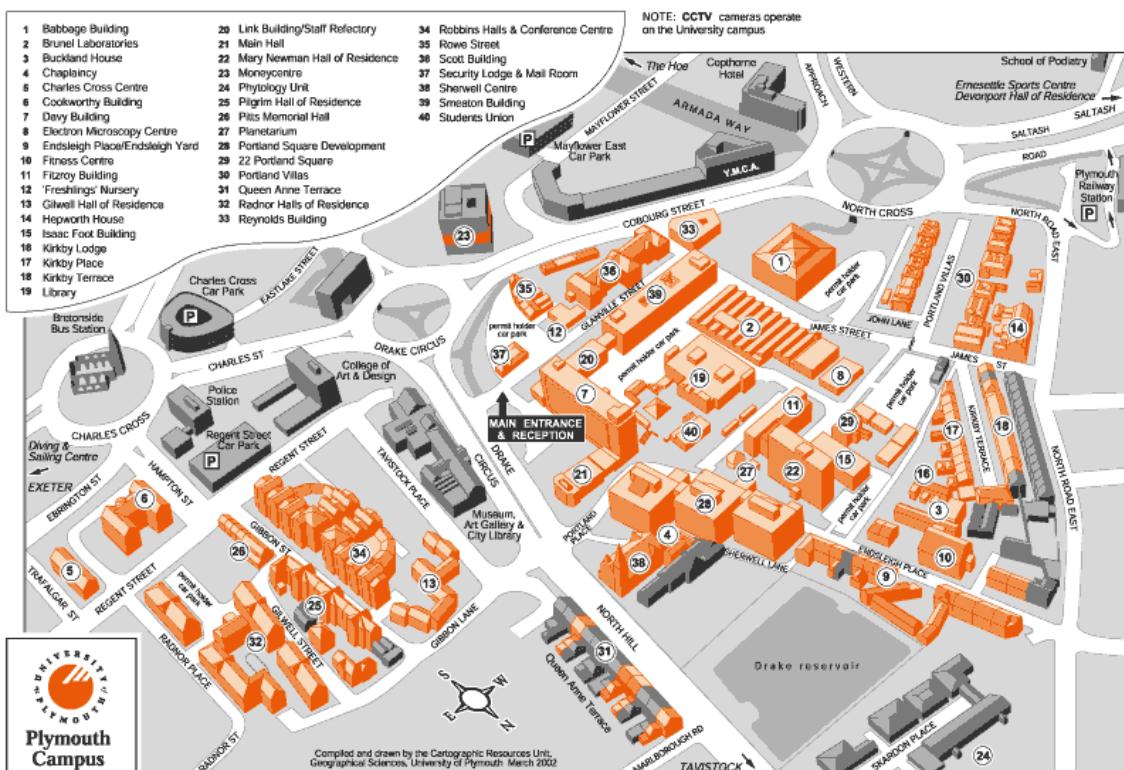
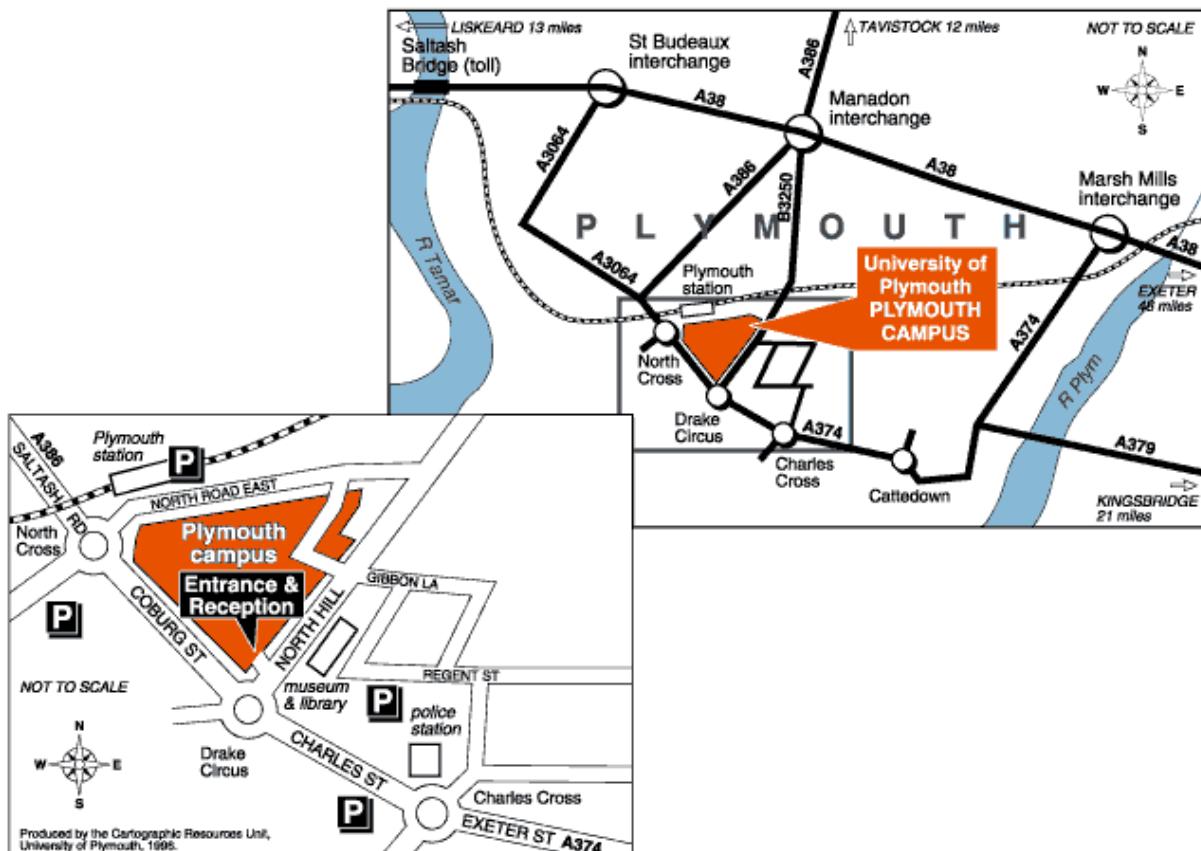
12.30 - 12.45

ROOM A 12.30 - 12.45
Closing Session and Best Paper Award



Conference Site Maps

Conference Site Maps



Conference Site Maps





EUROSIS was borne out of discussions with the European Community to set up a new kind of Society, which would be project driven instead of driven by pure membership and conferences.

The aim of the new Society will be to set up topic related Technical Committees which will link directly to European Projects in the field of computer simulation and related areas and to act as a knowledge pool for future European Networks of Excellence, like MOSAIC, EU-GAMENET etc...

If you would like to receive more information about EUROSIS, please contact

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