Final Program

27-29. October 2003

Organized by

EUROSIS

Co-Sponsored by

Under the Patronage of

the Consiglio Regionale della Campania (Campania Regional Council)
Assessorato all' Università e Ricerca Scientifica, Innovazione Tecnologica e Nuova Economia
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General Information

1. Conference Location

The ESMc conference itself, is held at the main building of the Consiglio Regionale della Campania in the new administrative centre of Naples under the patronage of the CRC and of the Assessorato alla Ricerca Scientifica The CRC is located at the Centro Direzionale, Isola F13.

The registration desk will be placed near the Internet Room from Monday morning onwards, where registration will start. On Monday and Tuesday registration will be from 8.30 a.m. - 5.00 p.m. with Wednesday registration only from 8.30 a.m.- 10.00. a.m.

ALL MAPS ARE AT THE BACK OF THIS PROGRAMME

TRAVEL INFO

From Hotel Holiday Inn: You are already at "Centro Direzionale
From Hotel Rex : Go through via Nazario (the way beneath the sea) until you reach via Ferinando Acton (in red). At The first bus station get on the TRAM n.1 or any bus to Piazza Garibaldi. Get Off at Piazza Garibaldi( you can see a copper statue of Garibaldi). Get On the "Vesuviana" railway (near the central station in Piazza Garibaldi) to Centro Direzionale.
From P.za Garibaldi (Hotel Terminus and Central Station) Get the "Vesuviana" railway to "Centro Direzionale" near the central station.
From the airport: the best choice is to get a taxi
To P.Za Garibaldi (central station and Hotel Terminus) from the Airport: outside the Airport there is a bus (ALIBUS) leaving from it every 15 minutes. It stops directly in Piazza Garibaldi. Another Bus you can get outside the Airport to reach P.Za Garibaldi are the numbers:14 and 15
To Centro direzionale from P.za Garibaldi (central station and Hotel Terminus). Outside the central station you can get the buses n. 30 and 58. You can reach the Centro Direzionale by foot also, turning on the right leaving the central station station.
You have to get "Corso Meridionale" getting the first turn on the right. The Centro direzionale is about 1 Km far from the beginning of the way.

2. 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.

3. Tickets

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

<table>
<thead>
<tr>
<th>Ticket Type</th>
<th>Price</th>
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<tbody>
<tr>
<td>conference dinner:</td>
<td>50 EURO</td>
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<tr>
<td>Trip and inner on Wednesday</td>
<td>20 EURO</td>
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General Information

4. Registration
The ESM’2003 Registration Desk will be open for information and registration:

Monday, October 27 ................. 8.15 a.m. to 5.00 p.m. in the hallway of CRC
Tuesday, October 28 ............... 8.15 a.m. to 5.00 p.m. in the hallway of CRC
Wednesday, October 29 .......... 8.30 a.m. to 10.00 a.m. in the hallway to CRC

5. 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 ESM’2003)

| ESM’2003 Proceedings | 50 EURO |

6. Meeting Rooms
The four meeting rooms will be indicated by EUROSIS signs at the event.

7. Need Help?
Please see the conference desk for your questions

8. Social Events and Lunches
All registrants are invited to
All buffet lunches are served at CRC.

**The Conference Dinner**
All participants are invited to the conference dinner on Tuesday the 28th of October. The conference dinner will be held at la Bersaglieria, Borgo Marinari 10/11, Santa Lucia 80132 Naples. Tel: +081.764.6016. Participants will meet at the bridge along the promenade near the Castel d’Oro in Naples at 8.00 p.m. (an exact plan will be posted at the registration desk)

**The Conference Trip and visit** on Wednesday afternoon to ancient Stabia, then the Fincantieri (Cantieri Navali in Castellammare di Stabia) shipyard in Castellamare followed by a "welcome" from the Major of Castellammare di Stabia, Ersilia Salvato, and Assessore for Culture Emma Giammattei. Followed by dinner at the Tico Tico Restaurant in Castellamare.
As we need to give an exact number of participants for this event, we would appreciate your confirmation at the desk before Monday evening.

6
General Information

9. Company Visit

A Company visit is scheduled for Tuesday afternoon to the Multimedia Design Laboratory of ARPA. University "Federico II" of Naples. This is within walking distance of the CRC Building.
A company visit is envisaged to the **FINCANTIERI - Cantieri Navali in Castellammare di Stabia** shipyard.
The bus for the visit will leave CRC at 2.00 p.m. on Wednesday afternoon. The visit will be part of the Wednesday trip.

a. 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 ESM'2003 conference.

b. Paper Legend:

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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:

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<thead>
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<tr>
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## MONDAY, 27th OCTOBER 2003

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<td>Registration</td>
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<td>Opening Session and Keynote Speech by Manush Gupta in Room A</td>
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18.00 FREE EVENING
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<tr>
<td>20.00</td>
<td>CONFERENCE DINNER at La Bersaglieria</td>
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<table>
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<th>Time</th>
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<tr>
<td>08.30-10.00</td>
<td>REGISTRATION</td>
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<td>09.00-10.00</td>
<td>PARALLEL SESSIONS Room A: DISTRIBUTED SIMULATION APPLICATIONS</td>
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<td>Room B: ROBOTICS SIMULATION</td>
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<td>Room C: FLUID FLOW SIMULATION</td>
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<td>10.30-12.00</td>
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<td>12.00-12.15</td>
<td>CLOSING SESSION AND BEST PAPER AWARD ROOM A</td>
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<tr>
<td>14.00-22.00</td>
<td>Afternoon trip ancient Stabia, then the Fincantieri (Cantieri Navali in Castellammare di Stabia) shipyard in Castellamare followed by a &quot;welcome&quot; from the Mayor of Castellammare di Stabia, Ersilia Salvato, and Assessore for Culture Emma Giammatei. Followed by dinner at the Tico Tico Restaurant in Castellamare.</td>
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NOTES
Monday, 27\textsuperscript{th} October 2003

HALLWAY
Registration
08.30 - 17.00

MAIN HALL
09.00 - 09.30
Opening ESM\textsuperscript{2003} and Welcome

Welcome Address

Dr. Beniamino Di Martino
University of Naples II
ESM'2003, General Conference Chair
Welcome by
Ing. Bruno Casamassa, President of CRC
Prof. Luigi Nicolais, the "Assessore" (regional minister) of the assessorato
Prof. Antonio Grella, Rector of the University of Naples II
Prof. Oreste Greco, Dean of the faculty of Engineering at the University of Naples II

Philippe Geril
EUROSIS, Ghent University
EUROSIS Coordinator
Monday, 27th October 2003

MAIN AUDITORIUM

09.30 - 10.15

KEYNOTE SPEECH
Chair: Beniamino Di Martino, University of Naples II, Naples, Italy
BlueGene/L: A Powerful Platform for Simulation
Manish Gupta ........................................................................................................ 552

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COFFEE BREAK
Monday, 27th October 2003

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INVITED PRESENTATION
Chair: Beniamino Di Martino, University of Naples II, Naples, Italy

INV
A Case for on-line Data Analysis for large-scale Scientific Simulations
Alok Choudhary

ROOM B- 10.30-12.00
SIMULATION LANGUAGES AND MODELS
Chair: Sergio Briguglio, ENEA Italia, Frascati, Italy

METH-3
Extending the capabilities of the SMPL discrete-event simulation language
X. Molero, V. Santonja, I. Torregrosa and J.A. Alegre

METH-4-LCD
On the Use of DOE for Characterization of Javaspaces
Hans De Neve, Frederic Hancke, Tom Dhaene, Jan Broeckhove and Frans Arickx

METH-21-GRAPH
A Simulation Model for Streaming Applications over a Power Manageable Wireless Link
Andrea Acquaviva, Emanuele Lattanzi, Alessandro Bogliolo and Luca Benini

ROOM C- 10.30-12.00
WEB BASED SIMULATION
Chair: Marcello Martinez, University of Naples II, Naples, Italy

WEB-2-LCD
Packet Delay Models in Packet Switched Networks Performance Assessment through Capacity Measurements
Leopoldo Angrisani, Michele Vadursi, Salvatore D’Antonio and Giorgio Ventre
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15.30 - 18.00

ROOM A- 15.30-18.00

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Chair: Marco Briscolini, IBM Italia

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Chair: Michele Cioffi, University of Naples II, Naples, Italy

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Monday, 27th October 2003

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FREE EVENING
Tuesday, 28th October 2003

HALLWAY
Registration
08.30 - 17.00

09.00 – 10.00

ROOM A- 09.00-10.00
DISTRIBUTED SIMULATION IN PRODUCTION
Chair: Raffaele Martone, University of Naples II, Naples, Italy

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Chair: Beniamino Di Martino, University of Naples II, Naples, Italy

TOOLS-4-O
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Stefano Cacciaguerra, Marco Roccetti, Vittorio Ghini and Stefano Ferretti

TOOLS-5
An XML Based Network Simulation Description Language
Roberto Canonico, Donato Emma and Giorgio Ventre

TOOLS-6-WEB
Extended NAM: An NS2 Compatible Network Topology Editor for Simulation of Web Caching Systems on Large Network Topologies
Roberto Canonico, Donato Emma and Giorgio Ventre

TOOLS-7-LCD
A Generic Framework for Performance Tests of Distributed Systems
Frederic Hancke, Tom Dhaene, Frans Arickx and Jan Broeckhove

ROOM B- 15.30-17.30
SIMULATION IN SERVICES AND MANAGEMENT
Chair: Hans Veeke, TU Delft, Delft, The Netherlands
Tuesday, 28th October 2003

METH-11
A Statecharts Based Methodology for the Simulation of Mobile Agents
Giancarlo Fortino and Wilma Russo

METH-14-SL
Simulating Human Resources in Software Development Processes
Thomas Hanne and Holger Neu

METH-23-O
Optimal Recruitment in a Markovian Manpower Planning System
Süleyman Ozekici and Ismail Kocaman

TOOLS-8-0
Simulation Tool to Analyse Gender Diversity at Workplace
Ignacio J. Benitez, José L. Diez, Juan A. Lacort, Pedro Albertos and
Carlos Candela

ROOM C- 15.30-16.30
NEURO FUZZY MODELLING WITH EXPERT SYSTEMS
Chair: Razman Mat Tahar, University Utara Malaysia, Malaysia

NEURAL-3
Simulation and Modelling of Concurrency Control Enhancement through an Adaptive
Neuro-Fuzzy Inference Expert System
Munib Qutaishat

METH-8-NEURAL-O-LCD
Machine Learning Fuzzy Method for the Modeling of Experts and Systems
Peter Otto

ROOM D- 15.30-16.30
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Chair: to be announced later

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Pierrick Tranouez, Sylvain Lerebourg, Cyrille Bertelle and Damien Olivier

BIO-5-LCD
Hybrid and Hierarchic compartmental Approach for Ecosystem applied to Estuaries
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Guillaume Prevost, Pierrick Tranouez, Cyrille Bertelle and Damien Olivier
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CONFERENCE DINNER at 8.00 p.m.
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Wednesday, 29th October 2003

HALLWAY
Registration
08.30 - 10.00

09.00 – 10.00

ROOM A- 09.00-10.00
DISTRIBUTED SIMULATION APPLICATIONS
Chair: Beniamino Di Martino, University of Naples II, Naples, Italy

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Chair: Bruno Fadini, University "Federico II" of Naples, Naples, Italy

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EU
MOSAIC-GAMENET AND EUROISIS TC UPDATE MEETING
Chair: Philippe Geril, Ghent University, Ghent, Belgium

This session will give an update on the present work of EUROISIS in European Projects.

ROOM B- 10.30-12.00
BACK-UP SESSION
Chair: to be announced later

This session is set up for those authors who could not present their papers in the allocated time-slots.
Wednesday, 29th October 2003

ROOM C- 10.30-12.30

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Chair:

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INTERNET ROOM
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CLOSING SESSION AND BEST PAPER AWARD
Chair: Beniamino Di Martino and Philippe Geril

FROM 2.00 P.M. ONWARDS
Afternoon trip to ancient Stabia, then the Fincantieri (Cantieri Navali in Castellammare di Stabia) shipyard in Castellamare followed by a "welcome" from the Major of Castellammare di Stabia, Ersilia Salvato, and Assessore for Culture Emma Giammattei. Followed by dinner at the Tico Tico Restaurant in Castellamare.

SEE YOU ALL
NEXT OCTOBER AT ESM®’2004
IN NAFPLIO, GREECE

OR AT THE OTHER EUROSIS EVENTS FOR 2004
FUBUTEC IN FONTAINEBLEAU, FRANCE (MARCH 12-13)
EUROMEDIA-ECEC-2004 IN HASSELT, BELGIUM (APRIL 19-21)
ISC’2004 IN MALAGA, SPAIN (JUNE 7-9)
Conference Site Maps

Plan of the Conference Area
Conference Site Maps

Naples City Centre
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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