

Liophant Simulation

Report 2010-2011

www.liophant.org





Liophant Simulation

www.liophant.org

Email info@liophant.org



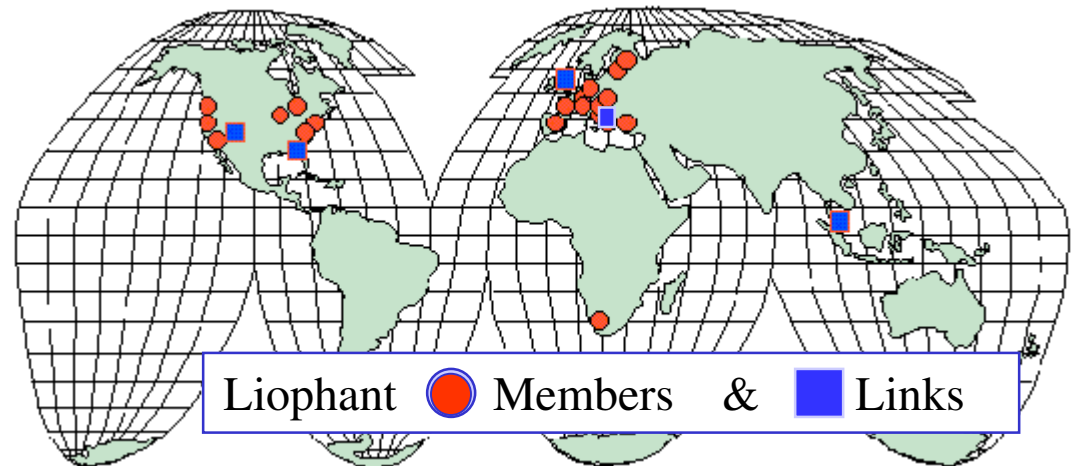
Liophant Simulation involves World-Wide , as members and supporters, over 100 Scientists and Technicians working in Companies and Academia.

The *Liophant* develops Advanced Projects for Real Industrial Applications as:

- ❖ VAED : Virtual Aided Engineering & Design (Gas Turbine Modeling)
- ❖ Safety First : Virtual Ship Handling Simulation in Harbour Environment
- ❖ Wolves: Warehouse Management & Logistics Simulation
- ❖ Health Care Survey

Liophant Simulation
promotes international
Cooperations and exchanges
with Excellence Centers
World-Wide (i.e. NCS,KSC)

www.liophant.org

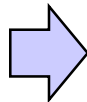
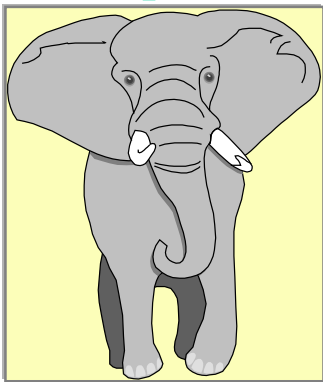




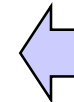
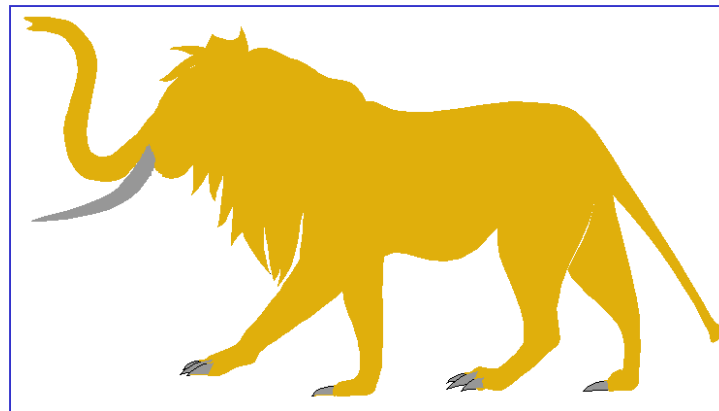
What is a Liophant ?

- It is a combination of an Elephant and a Lion
- It is a Mythological Being
- He is brave as a Lion and strong as a Elephant

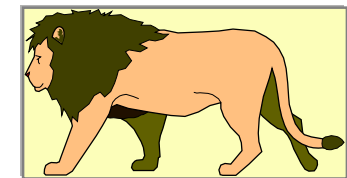
Elephant



Liophant



Lion

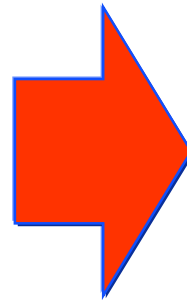




Why Liophant?

- The *Liophant* is a Mythological Being that only Simulation could bring back to life.

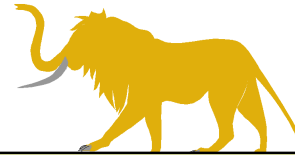
SIMULATION





Liophant Simulation

Attendance & Support to
Conferences World-Wide



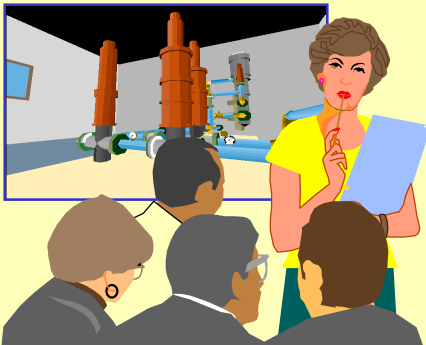
Social Events
& Simulation
Promotion



Courses in Modelling &
Simulation, HLA, VV&A,
PM



Meeting on Simulation
Application & News



Dynamic Upgrades by using
Internet, news letters,
usergroups, journals, books



Liophant Keywords:



International Cooperation Programs

NASA & NCS

ENSO

McLeod Institute of Simulation Science

IEPAL EU/USA Transatlantic Program

Act as a Point of Contact between Academia and Real World

Support to University in Promotion Activity

Organization of Meetings & Workshops

Motivation of the Students

International Contacts & Exchanges

Independence of the Organization

Real Industrial Challenging Projects

Opportunities for Leadership and Team Working

Dynamical Relationship between Liophant and Young Members in Industry

HMS, MAS & WAMS Workshops

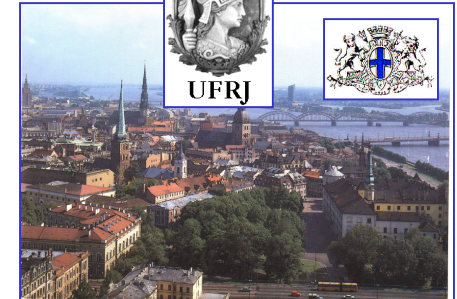
The International Workshop on Harbour, Maritime & Multimodal Logistics Modeling & Simulation

The International Workshop on Applied Modelling & Simulation

The HMS, MAS & WAMS Workshops are a classical event, after the editions in Rio de Janeiro, Riga, Buzios, Genova, Portofino, Barcelona, Marseille, Bergeggi, Tenerife, Buzios, Fes, Sankt Petersburg



Workshops attendance :
Worldwide experts in Modeling & Simulation applied to logistics



I3M: 7th Mediterranean Meeting

International Mediterranean & Latin America Modeling Multiconference



The I3M Multi conference is a consolidate International event devoted to promote M&S within Med & Latin Region

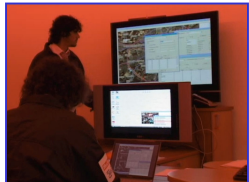


I3M 2010 is sponsored by

	IMCS
	LIOPHANT SIMULATION
	MISS
	SIMULATION TEAM DIPTTEM
	University of La Laguna
	MISS Latvian Center Riga Technical University
	MISS Spanish Center UAB
	MISS LISIS Marseille
	MISS Perugia Center University of Perugia



	MISS Brazilian Center LAMCE, UFRJ
	Mechanical Department, University of Calabria
	Modeling & Simulation Center Laboratory of Enterprise Solutions
	Ecole Supérieure d'Ingénierie en Sciences Appliquées
	CIFASIS: CONICET-UNR-UPCAM



European Modelling & Simulation Symposium

New Simulation Project Workshop

McLeod Institute of Simulation Science International Workshop

McLeod Modelling & Simulation Network Workshop

The International Workshop on Modelling & Applied Simulation

The International Workshop on Harbour, Maritime & Multimodal Logistics Modelling and Simulation - HMS

www.msc-les.org/conf/i3m2010/

I3M: 8th Mediterranean Meeting

International Mediterranean & Latin America Modeling Multiconference



The I3M MultiConference is a consolidate International event devoted to promote M&S within Med & Latin Region



	MISS Latvian Center Riga Technical University
	MISS Spanish Center UAB
	MISS, LSIS Marseille
	MIMOS
	MISS, Perugia Center University of Perugia
	MISS, Brazilian Center LAMCE, UFRJ
	MISS
	Modeling & Simulation Network
	Latvian Simulation Society
	DIPTM, University of Genoa
	LIOPHANT SIMULATION
	SIMULATION TEAM
	IMCS
	Mechanical Department, University of Calabria
	Modeling & Simulation Center Laboratory of Enterprise Solutions
	Modeling & Simulation Center of Excellence (MSCOE)
	Ecole Supérieure d'Ingénierie en Sciences Appliquées
	University of La Laguna
	CIFASIS: CONICET-UNR-UPCAM
	INSTICC



European Modeling & Simulation Symposium



The International Defense and Homeland Security Simulation Workshop - DHSS



The International Conference on Harbour, Maritime & Multimodal Logistics Modelling & Simulation



The International Conference on Modeling & Applied Simulation



IMAACA'2011

The Fifth International Conference on Integrated Modeling and Analysis in Applied Control and Automation



M&S Network Workshop



McLeod Institute of Simulation Science Workshop

NATO Cax Forum Co-Located in Ergife Palace International Hotel



www.msc-les.org/conf/i3m2011

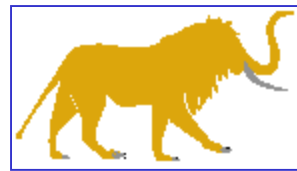
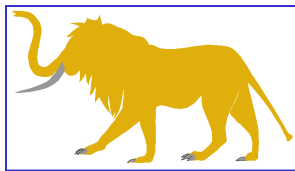
2011 Conferences where Liophant Members are Actively Involved

	<p>BIS2011 at SpringSim2011, Boston - USA, April 2011 - www.msc-les.org/conf/Bis2011</p> <p>Business and Industry Simulation in SpringSim2011, April 4-9</p>		<p>EMSS2011, Rome - Italy, September 2011</p> <p>23th European Simulation Symposium and Exhibition - Simulation in Industry</p> <p><i>(Co-Located Events: I3M2011/EMSS2011/HMS2011/MAS2011)</i></p>
  	<p>WAMS 2011 & SCM MEMTS 2011, St.Petersburg, Russia, June 29-30 2011 - www.sstc.spb.ru/eng/news/IMMOD2011</p> <ul style="list-style-type: none"> • Simulation and Complex Modelling in Marine Engineering and Marine Transporting Systems • International Workshop on Applied Modelling & Simulation 		<p>MAS2011, Rome - Italy, September 2011</p> <p>The 13th International Conference on Harbour, Maritime & Multimodal Logistics Modelling and Simulation</p> <p><i>(Co-Located Events: I3M2011/EMSS2011/HMS2011/MAS2011)</i></p>
 	<p>SummerSim2011, The Hague, NL, June 27-30 2011 - www.scs.org</p> <ul style="list-style-type: none"> • The Summer Computer Simulation Conference • International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS2011) • Grand Challenges in Modeling & Simulation (GCMS2011) 		<p>MAS2011, Rome - Italy, September 2009</p> <p>The 10th International Conference in Modeling & Applied Simulation</p> <p><i>(Co-Located Events: I3M2011/EMSS2011/HMS2011/MAS2011)</i></p>
	<p>I3M2011, Rome - Italy, September 2011 - www.liophant.org</p> <p>The 8th International Mediterranean Modeling Multiconference</p> <p><i>(Co-Located Events: I3M2011/EMSS2011/HMS2011/MAS2011)</i></p>		<p>IMAACA2011, Rome - Italy, September 2011</p> <p>5th International Conference on Integrated Modeling and Analysis in Applied Control and Automation</p> <p><i>(Co-Located Events: I3M2011/EMSS2011/HMS2011/MAS2011/IMAACA2011)</i></p>
	<p>EMSS2011, Rome - Italy, September 2011</p> <p>23th European Simulation Symposium and Exhibition - Simulation in Industry</p> <p><i>(Co-Located Events: I3M2011/EMSS2011/HMS2011/MAS2011)</i></p>		<p>DHSS2011, Rome - Italy, September 2011</p> <p>International Defense and Homeland Security Simulation Workshop</p> <p><i>(Co-Located Events: I3M2011/EMSS2011/HMS2011/MAS2011/IMAACA2011)</i></p>
	<p>I3M2010, Fes - Morocco, September 2010 - www.liophant.org</p> <p>The 7th International Mediterranean Modeling Multiconference</p> <p><i>(Co-Located Events: I3M2010/EMSS2010/HMS2010/MAS2010/IMAACA2010)</i></p>		
 	<p>SummerSim2010, Canada, July2010 - www.scs.org</p> <ul style="list-style-type: none"> • The Summer Computer Simulation Conference • International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS2010) • Grand Challenges in Modeling & Simulation (GCMS2010) 		
	<p>WAMS2010, Rio de Janeiro & Buzios - Brazil, April 2010 - www.lamce.ufrj.br/grva/data/wams2010</p> <p>The III International Workshop on Applied Modelling and Simulation</p>		

Liophant Figures

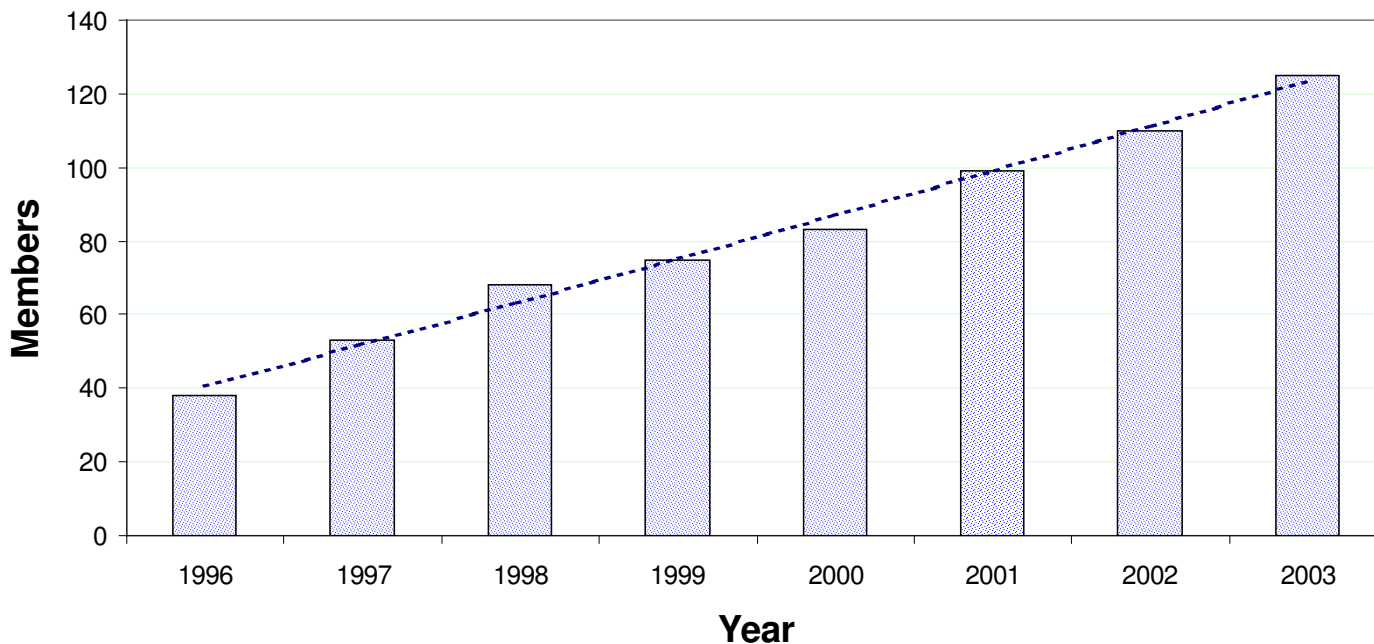
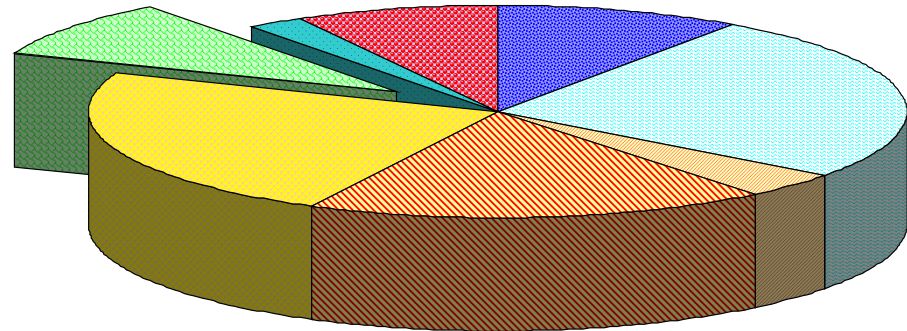
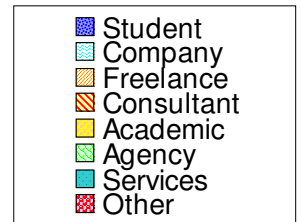
Services & Associations of the Members:

Italian Army, Guardia di Finanza, MISS,
NCS, Fraunhofer IFF



Liophant Members

Member Activities 2003

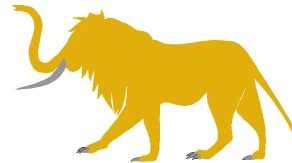


Example of Member Affiliations:
Accenture,
PMCorp
Exxon
Mckinsey
NASA,
COOP
IVECO
& SMEs

The International Activity of Liophant

1996

ICAMES96, Istanbul, May
*Best Project Award for Prosim(1st), V.,M.,B.,
Wolf, Moretti, Tremori,*



Student Activity



ESS96, Genoa October,
Simulation in Industry

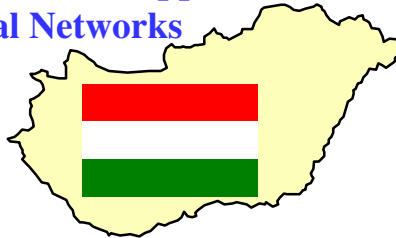
Organization
Full Staff



ANIMP96, Venice, October
Computer Graphics for Production
Best Project Award
M.Mosca, S.Genta

1st National Conf. On
Maritime Safety,
Genoa September,
Organization
Full Staff

ESM96, Budapest, June
**Environment Applications of
Neural Networks**
Motta



MIC96, Innsbruck, February
Modelling & Simulation
M.B.



AILOG96, Milan, May
Warehouse Simulation
Best Project Award (1st)
Bertolini & Tremori



Student Activity

The International Activity of Liophant

1997

Student Activity



ICAMES97, Istanbul, May
Award for Prisoner's Dilemma Algorithm (1st)
Award for VAED (3rd),
Gabriele Cotta & Roberto Revetria



ANIMP97, Sorrento, October
Virtual Aided Engineering & Design
Best Project Award
Gabriele Cotta & Cerruto



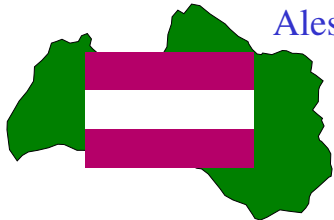
EUROMEDIA, London
Web Based Applications
Lorenzo Motta



ESM97, Istanbul, June
Environment Applications of
Neural Networks
Motta



Riga 97, October
Web Based Simulation
of Harbour Services
Alessio Carbone



Magdeburg 97, October
WOLVES
Warehouse Org.
& Logistics
Simulation
Bertolini
Carbone
Revetria



Phoenix 97, July
Health Care
System Survey
Wolf



Orlando 97, September
NCS Cooperations, Remote Education Project
Alberto Tremori

ESS97, Passau, October
Pollution Control
Lorenzo Motta

ITEC97, Lausanne, June
Safety First: Virtual Harbour
Gabriele Cotta & Mauro Cerruto



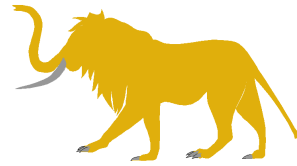
Student Activity

The International Activity of Liophant

ICAMES98, Istanbul, May

POSEIDON

A.Carbone, M.Lagostena, G.Tani



Summer Simulation

Reno 98, July

TQM

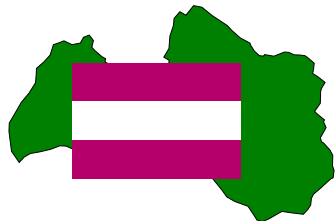
Filippo Paradiso



WMC98, San Diego 98

Artificial Neural Network

Lorenzo Motta



Riga 98, Workshop on Modeling

within a Maritime Environment

Web Based Harbour Simulation

A.Carbone, A. Devoti, A.Tremori

NEURAP98, Marseille, March

Intelligent Acquisition System

Best Paper Award

R.Revetria, L.Motta



ESM98, Manchester

Web Based Applications

Lorenzo Motta



Student Activity

1998

Ports98, Genoa, September

Multedo Terminal Simulation

Alessio Carbone



Meeting LSC, NASA

Genoa, April



ANIMP98, Bologna, October

Automotive Assembling Simulation

Filippo Paradiso

Student Activity

ITEC98, Lausanne, June

Alessio Carbone, Roberto Revetria



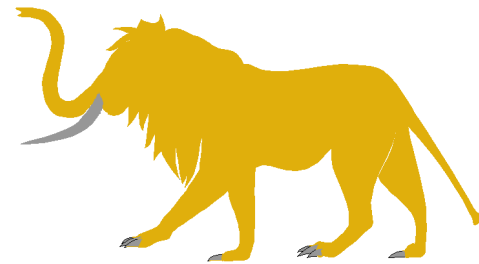
The International Activity of Liophant

ICAMES99, Istanbul, May

MESA, WORM

S.Rapallo, C.Scuteri, G.Vano, F.Vio

2nd & 3rd Best Projects Award



Student Activity 1999

Workshop HMS99
Genoa - September



Summer Simulation Conference 1999

Chicago, July

Francesca Vio



Detroit, Jul-Aug / Nov-Dec

Ford Motor Co.

F.Vio, R.Revetria

ANIMP99, Ischia Oct.

S.Rapallo

Best Thesis Award



Simulation Languages, Jul-Aug

University of Calgary

M.Mosca F.Tonelli



WMC99, San Francisco

Neural Networks - February

L.Motta

Winter Simulation Conf.



Phoenix, December

Roberto Revetria



Boston, Apr-Jul-Aug

Boston College

Francesca Vio



Washington, April

Pentagon

S.Rapallo



Orlando May / Nov-Dec

NCS & Nasa

S.Rapallo, A.Carbone



Tallahasse, Nov-Dec

M.Mosca, F.Tonnelli

Baraquilla, Dec.

Luca Patrone



New Mexico City, Nov.

Luca Patrone



MIC99/AI99, Innsbruck, Feb

Automation & Simulation

M.B.,C.B.,E.B.



ITEC99

The Hague April

Project Management

A.Carbone,R.Revetria



NATO / Atlas

Bremen - Aug

VV&A

M.B.



MISS - DIP University of Genoa



Liophant Simulation



The International Activity of Liophant

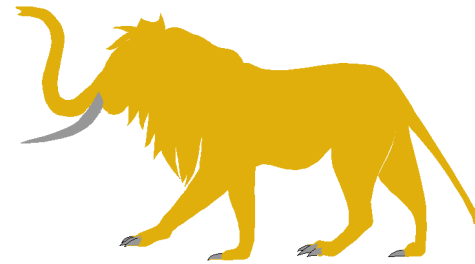
ICAMES2000, Istanbul, May

PUMA & GILA

Simeoni, Fracchia, PozziC.,

Mantero, Vigano`, Diglio

1st Best Projects Award



Student Activity **2000**

Workshop HMS2000
Portofino Oct.



ANIMP00, Trieste Oct.
Simeoni, Fracchia, PozziC.
Thesis Award

Montreal, July
CAE Electronics
S.Simeoni



Montreal, August
Lockheed
Simeone Simeoni



Simulation Languages, Jul
CSUC
PozziCotto



MIC00/AI00, Innsbruck, Feb
Automation & Simulation, M B



OTU
Ostrava, Oct-Dec
Kindler (Patrone, Unali)



Orlando May / Nov-Dec
NCS & Nasa
Enrica Fracchia



WMC2000
San Diego, December
L.Motta

ITEC00
The Hague April
Simulation for Education
R.Revetria



RTU, Baltic CT
Riga, Oct-Dec
Diglio & Mantero

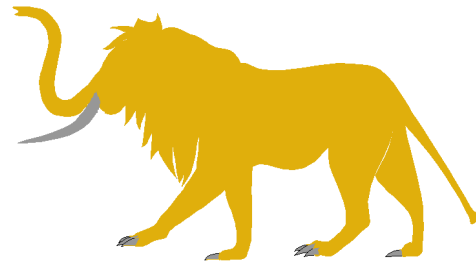


Hamburg
ESS2000
October
Pozzicotto



The International Activity of Liophant

ICAMES2001, Istanbul, May
 DICOSAP & Neptune
 C.Burlando M.Genovese, L.Rombi
 2nd & 3rd Best Projects Award



Student Activity 2001

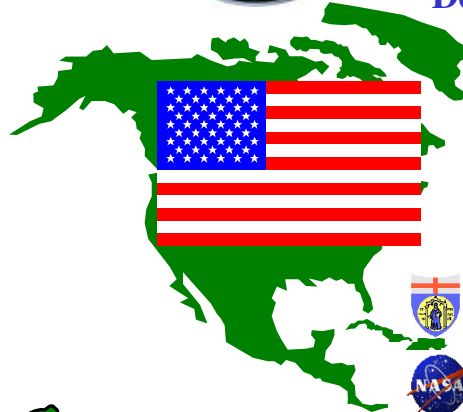
Siren Course M&S
 Bergeggi Oct.



ANIMP01
 Spoleto Oct.
 S.Simeoni

Siren Course
 HLA
 Rome June

Ford Motor Co., April
 Detroit



Simeone Simeoni

Boston College
 IEPAL Program



NCS & Nasa
 IEPAL Program



MIC01/AI01, Innsbruck, Feb
 Automation & Simulation
 Alessandro Scopinich & Riccardo Danio

CUM
 Praha, June
 Kindler (Patrone, Unali)



ITEC2001
 Lille April
 G.Diglio',
 G.Vigano'



HMS2001
 Marseille, October
 Burlando, Diglio, Genovese,
 Queirolo, Vigano'



Fraunhofer IFF
 Magdeburg
 November
 Pozzi Cotto



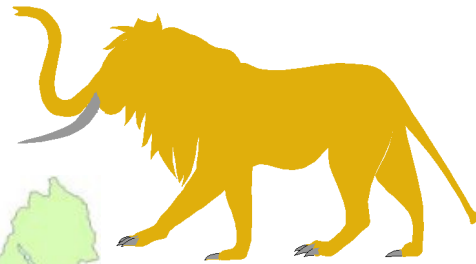
The International Activity of Liophant

ICAMES2002, Istanbul, May  

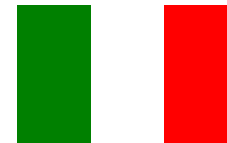
CHARME & ROSES

S.Simeoni, S. Viazzo, O. Serindat, F. Bertone
Best Projects Award

Professional &
Student Activity **2002**



Workshop HMS2002/MAS2002
Bergeggi, Oct.



IEPAL Genoa/Venice
E.B., E.M. Mantero, F.
Oliva, S. Viazzo

CFLI

Consorzio Formazione Logistica Intermediale



Creta,
A. Orsoni

Sweden
December
S. Pozzi Cotto



Lisboa
A.Orsoni



W.Bohemia Univ.
December
S.Pozzi Cotto



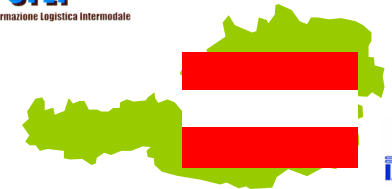
Boston, December
Boston College
R. Revetria



Orlando July-Sept.-Dec.
NCS & Nasa - IEPAL
S. Viazzo, S. Simeoni,
E. Costa, E.M. Mantero,
F. Oliva



MIC00/AI00, Innsbruck, Feb
Automation &
Simulation, M.B., C.B., E.B., R.R., S.
Viazzo, O.Serindat



Rio De Janeiro, UFRJ
December
Simeoni,
Bruzzone



RTU, LIS
Riga, June
R.Revetria



Dresden
A.Orsoni
S.Pozzi Cotto

Liophant Simulation



The International Activity of Liophant

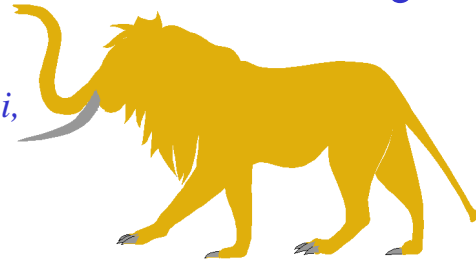
ICAMES2003, Istanbul, May

DIROMATIC, NERONE

F.Figini, M.Sanguinetti, G.Boero, C.Caballini,

V.Barucci, S.De Michelis

3rd Best Projects Award



Student Activity **2003**
PhD, Master, BS

Workshop MAS2003
Bergeggi, Oct.

IEPAL/IEEE
Genoa/Novara **CFIL**
E.Mantero, D.Carini
Over 26 students from USA, Germany, France, Turkey & Italy

SCSC2003

Student Workshop
Montreal July

Over 10 students from USA, Canada

Boston College & Stevens Institute

March-April

V.Bortoletto, G.Boero,

M.Sanguinetti, C.Caballini

Over 10 students from Germany, France & Italy

Orlando March-April
NCS & UCF - IEPAL

V.Bortoletto, G.Boero,
M.Sanguinetti, C.Caballini

Over 10 students from Germany, France & Italy

SportFest 2003, June

Liophant Football

Team 3rd Position



SCS, ICT & Univ Southern California

November

Danila Carini



Universidad Panamericana

Danila Carini December

Mexico City



UFRJ

UFRJ

Rio De Janeiro

October-November

F.Figini



DS-RT2003, ESS2003

Delft, October

P.Blomjous,,

S.van Houten

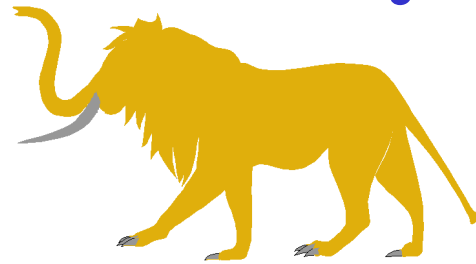


The International Activity of Liophant

ICAMES2004, Istanbul, May  

COMADREJA & SILLA2

F.Longo, D.Carini, A.Ganapini, M.Meistro,
S.Poggi - 1st Runner Award

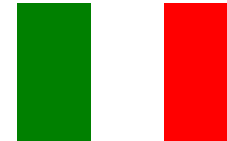


Exchange Activity **2004**
PhD, Master, BS

Workshop I3M2004/MAS2004
Bergeggi, Oct.



SimServ, Copenhagen
September, M.Massei



ST Genoa/Venice

S. Saavedra, R.Gallan,
J.Zumaglino, C.Bussi,
B.Jamel

Istituto Nacional de Atrofisica Optica Y Electronica
Universidad Popular Autonoma de Estado de Puebla
Universidad Popular Autonoma de Mexico
Istituto de Investigaciones Eletricas
Universidad Panamericana



SCSC2005
San Jose`

July, S.Simeoni



Boston College

Boston , July-August
R.Moccia



VMASC, May
R.R.



University of
Maryland

November
G.Prioreschi



November-December
S.Simeoni

MBA, Darden
Alessio Carbone



HMS2004 LAMCE
Rio De Janeiro

September
A.Nogueira, S.Viazzo,
M.Massei



SimServ
Helsinki

June
M.Massei

MBA, London
Business School, G.Oran



ITEC2004, London
May, F.Longo

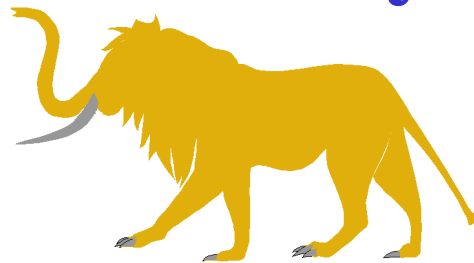


UFRJ



The International Activity of Liophant

ICAMES2005, Istanbul, May
 MACACO
 S.Poggi, K.Scarso, M.Massei



Exchange Activity **2005**
 PhD, Master, BS

Workshop MAS2005
 Bergeggi, Oct.



Universidad Panamericana
 Mexico City
 November
 L.Bucchianica, A DiCostanzao, S. Rosa

NATO-ARW
 Tallin
 A.Bruzzone

Genoa University
 Savona
 S.Saavedra,
 Rathan Guha



IASTED
 Cancun
 May
 F.Longo



KSC
 Orlando
 August
 E.Bocca



SCSC2005
 Philadelphia
 July, E. Bocca, E.B.
 M.Massei, A.Bruzzone

Dormouth College
 July
 A.Salmoiraghi

ECMS
 Riga
 A.Bruzzone



I/ITSEC
 Orlando
 December

L.Bucchianica, A DiCostanzao, S. Rosa

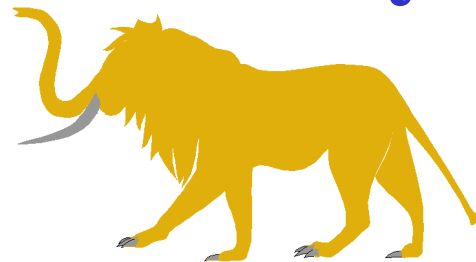
ITEC2005,
 Amsterdam
 May,
 E.Bocca



The International Activity of Liophant

ICAMES2006, Istanbul, May
MACACO, PHROSIM

F.Longo, S.Poggi, L.Bucchianica,
G.Desensi,
C.Oderigo,
F.Tralongo



Exchange Activity **2006**
PhD, Master, BS

Workshop MAS2006
Bergeggi, Oct



Science Festival
Genoa, Oct.
D.M., L.Pierfederici



AMS2006, Buzios
March F.Longo



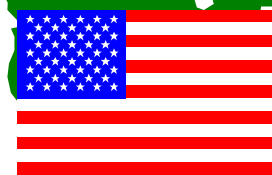
RESET/INNOVARE,
Rio, June-August
F.Tralongo



EMSS2006
Boon
June S.Poggi



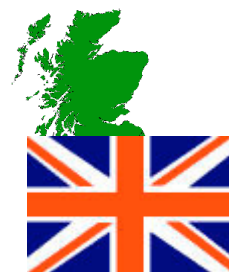
SCSC2006
Calgary
July F.Longo



Virtuality2006
Turin, Nov, L.Pierfederici
D.M.

Rutgers University,
July-August
F.Longo

SpringSim
SIW2006
Huntsville
March, K. Scarso



ITEC2005, London
May, E.B., F.Longo



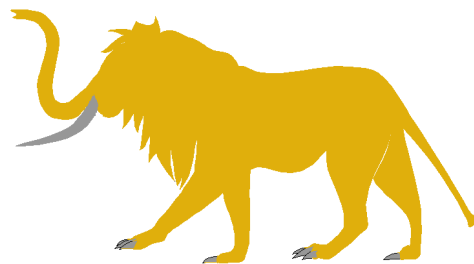
I3M2005
HMS2005
EMSS2005
Marseille
October
C.Oderigo, E.B.



I3M2006
HMS2006
EMSS2006
Barcelona
October, E.B., S.Poggi

The International Activity of Liophant

ICAMES2007, Istanbul, May
 MACACO, PHROSIM
 F.Longo, S.Poggi, D.Maritano
 L.Pierferici,
 D.M.



Exchange Activity **2007**
 PhD, Master, BS
 Workshop I3M2007, MAS2007,
 HMS2007, EMSS2007
 Bergeggi, Oct

Port Security
 Riga
 D.Grippaldi,
 M.Genova



ITEC2007
 Cologne
 April, E.B., L.
 Pierfederici
 D.M.

EUROSIW2007
 S.Margherita, June



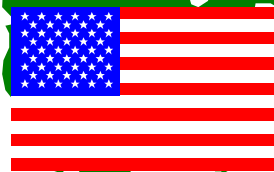
Science Festival
 Genoa, Oct.
 M.Genova, D.Grippaldi

PIOVRA
 Paris, November
 L.Baati



PIOVRA
 Marseille, June
 L.Baati, D.M.,
 L.Pierfederici

JTLS
 Monterey
 October D.M.,
 L.Baati
 SCSC2007
 San Diego
 July



S.Saetta
 University of Arizona
 July-August



M.Mazzarese
 Dartmouth College
 July-August

D.M., L.Pierfederici
 Rutgers University
 July-August



IITSEC
 Orlando



L.Pierfederici

IMSM
 Buenos Aires
 February

PIOVRA
 Rome, February.
 M.Seck



The International Activity of Liophant

ICAMES2008, Istanbul, May
 MACACO, PHROSIM
*F.Longo, A.Cimino, D.Curcio
 E.Pinto*



Exchange Activity **2008**
PhD, Master, BS



 **SIREN, Beregaggi, June**
Adeline Queau

Workshop
SERIXGAME
Rome, Oct.
F.Tarone



I3M/HMS/MAS
EMSS
Campora SG, Sept.
M.Caneparo, F.Tarone



SCSC2008
Edinburgh
June
A.Cimino



ITEC2008
Stockholm
June
A.Tremori



LSCM Leub en, Ottobre
L.Pierfederici



LSCM
Magdeburg
March
L.Pierfederici




PIOVRA
Marseille, June
L.Baati



LITSEC 
Orlando
December
A.Tremori

 **S.Saetta**
University of Arizona
September-January



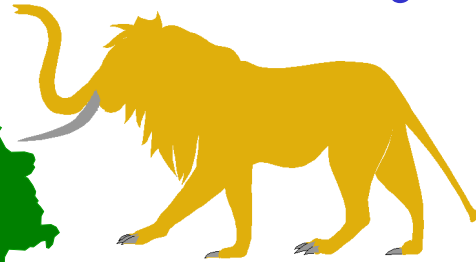
C.Frydman
Buenos Aires
February

The International Activity of Liophant

ICAMES2009, Istanbul, May

MACACO, PHROSIM

F.Longo, C.Rubino, S.Rondinelli, C.Metita



Exchange Activity

PhD, Master, BS

2009

Summersim
EUROSIW2009
Istanbul, July



B.Brivot

DIPTM, Genoa, Sept-Jan

ITEC
Bruxelles, May
F.Tarone



A.Atzei, C.Ferrini,
C.Ravera, G.Gazzale
Genoa Port Center, Dec-March

ECMS, Madrid
F.Tarone, June



EDA
Capricorn
Bruxelles, December
A.Pessina

I3M2009
Tenerife, Sept
A.Cimino,
D.Curcio



DLM
Solutions
Barcelona
January-May
L.Dagnino

MISS Spain
Nov-Feb
M.Lucardi

Rutgers Univ.
Sept-Nov
A.Chiurco

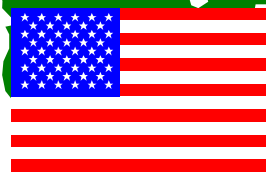


ST_PT
Singapore
May R.Cianci



Lexis
Clermont-Ferrant
Paris, November
B.Brivot

JTLS User
Monterey
November
A.Tremori



VMASC
Norfolk
Sept-Dec
A.Cimino

I/ITSEC
Orlando
A.Cimino
F.Tarone, R.Ambra



AMS, Bali, May R.Cianci



The International Activity of Liophant



Exchange Activity **2010**
PhD, Master, BS

Simulation Team

Genoa 
 A.Ceylan, A. Claudel

EDA, Capricorn

Rome, July
 F.Madeo

MIMOS Virtual Testing

Napoli
 R.Ambra

LAMCE_COPPE

Rio, Nov-Dec
 G. Gazzale



VMASC, DLL, Norfolk State Univ

Nov-Dec D.Maino

ICAMES2010, Istanbul, May
 F.Madeo, L.Nicoletti, S.Mammis,
 T.Pizzuti

SpringSim

Orlando, April

F.Madeo

F.Tarone

IITSEC Orlando,

November, R.Ambra

CAX Forum

Munich,
 September
 A.Tremori

ESISA

Fes, June
 M.Hamri
 F.Madeo,
 F.Tarone

Michigan Univ.

Detroit, October
 G. Gazzale

PMC

Detroit, October
 G. Gazzale

**Harvard
 Med.School**

Oct-Nov
 C.Cereda

**VMASC
 Norfolk, April**
 F.Madeo, F.Tarone

NASA

Orlando, May

A.Cimino

CSC, Orlando

March, A.Pessina

Clermont-Ferrant

August, A. Claudel

PKI, Lincoln NE,

March, A.Pessina

EBR, Vienna VA

Dec, D.Maino

Marseille, May

M.Hamri, F.Madeo, F.Tarone

ITEC

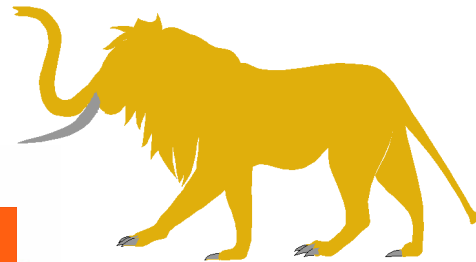
London, May
 A.Tremori

Capricorn

Paris, August
 A.Tremori



The International Activity of Liophant

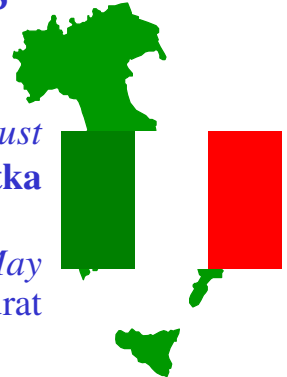


Exchange Activity **2011**
PhD, Master, BS

SummerSim
2011
The Hague,
June




IA-CGF, August
Kavotka



Panopea, May
Murat



NATO
Lisboa, May
A.Tremori



NATO C3 Agency
Brussels, June
A.Tremori

ITEC
Cologne, May
A.T.



BUAA
October
Madeo, Tarone



Marlon
April
MM

SAS 085
Quebec, June
F.Madeo



SISO
Smackdown
SpringSim
Boston, April
F.Tarone

ICAMES2011, Istanbul,
May
D.Ferraris



ST_PT
Singapore
May
M.Massei



EBR
Vienna VA,
February
D.Maino



Liophant Pictures

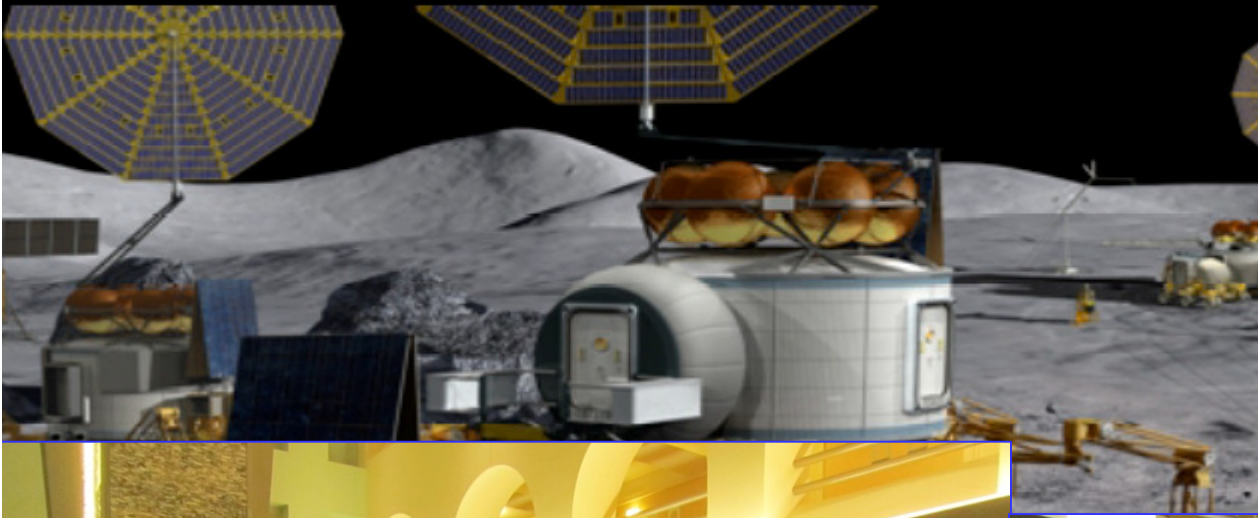
 2011 NEW	 2010	 2009
 2008	 2007	 2006
 2005	 2004	 2003
 2002	 2001	

	Liophant Free Pictures
	Liophant Animation
	Liophant Logo
	Liophant Press Summary

[Back to Liophant - Official Web Site](#)


SISO Simulation Smackdown

Modeling and Simulation Outreach



Scenario

- Lunar base supply mission
 - Location
 - Rima Hadley (Near Apollo 15 Site)
 - Mission Objective
 - Resupply the lunar base with earth cargo
 - Retrieve He-3 from Mobile ISRU Plant (MIP)
 - Vehicles:
 - Earth - Moon Transfer Vehicle
 - Lunar Shuttle
 - Lunar Rover
 - Lunar Surface Supply Depot
 - Mobile ISRU Plant
 - Exploratory Hopper
 - Communications Satellite





Federates from Europe



SISO Smackdown 2011 Bordeaux/Genoa Team

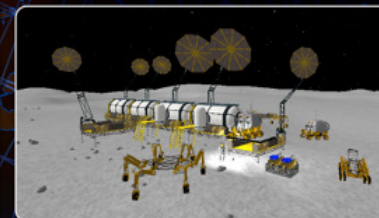


A. The Bordeaux/Genoa Team: Earth Cargo Depot

B. The Bordeaux/Genoa Team: Supply Cargo Depot

The Bordeaux and Genoa team are working together on the lunar supply depot federate to include He-3, Moon Rock, and other material that will be transported to earth.

The Earth Cargo Depot consists of parts, supplies, propellant, and oxygen. The Supply Cargo Depot consists of objects for lunar surface use. They are addressing depot sites, logistic standard units depot code, position, size, hazards, location, storage modules, functions, interface and inventory management.



FED A

FED B

FED C

FED D

FED E

FED F

FED G

FED H

FED I



Middleware: HLA 1516 Evolved
MÄK / Pitch



2011, September 12-14, Rome



Liophanters around the World in 2011



Rome



Italy



Sorrento



Genoa



Civitavecchia



Virtual Worlds



Milan



Savona



Orlando



Cape Canaveral



USA



Germany



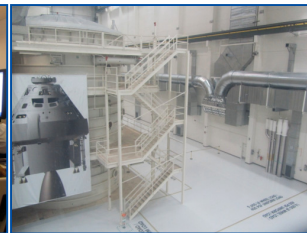
Boston



St. Petersburg



Czech Rep.



Noordwijkerhout



Koln



Marseille



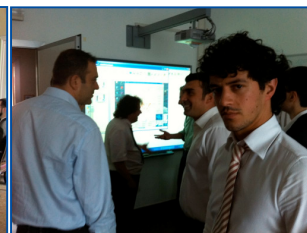
Rio de Janeiro



Padubice



Netherlands



www.liophant.org/I3M

MAS: The International Conference on Modeling & Applied Simulation
EMSS: European Modeling & Simulation Symposium
HMS: The International Conference on Harbor, Maritime & Multimodal Logistics Modeling & Simulation

DHSS: The International Defense & Homeland Security Simulation Workshop
IMAACA: Int. Conference on Integrated Modeling & Analysis in Applied Control & Automation
IWISH: The International Workshop on Integrated Simulation

M&SNet: M&S Systems Workshop
NSP: New Simulation Project Workshop
MISS: Model Institute of Simulation Science Workshop

DIPTM, M&S, and other logos.

ULL, ESISA, and other logos.

FSTCC, MIMOS, and other logos.

Simulation around the World & along the Years
I3M 2011, Rome, Italy
www.msc-les.org/conf



Welcome to our new web site

PROJECT DESCRIPTION
HOW TO PARTICIPATE ?
MAIN EVENTS
SCHEDULE
MAIN PAGE

We, as engineering students of **Bogaziçi University** , Istanbul TURKEY, who comfront with similar situations at school invite you to meet our lovely city Istanbul, discuss academic projects and have fun as well.

We, as the members of **Engineering Society** (ENSO, a distinguished organization of Bogaziçi University), try to bring engineering students from all over the world. Every year we make new friends and in 2009, we want to see you among us.

It is easy to participate in ICAMES. Because, there is no limitation on topic!! Any engineering topic may be acceptable. In other words, it doesn't matter if you are a student from electrical, chemical, computer, manufacturing, civil or mechanical engineering disciplines. The must is to have a project which is acceptable according to the criteria stated in the "Project Description".

If you are interested in an engineering project or you have to submit a thesis , find one or two friends, arrange your advisor (any academician acquainted with your project), prepare your project presentations and apply with the project proposal by sending us your abstract.

If your project is accepted by the Advisory Committee of ICAMES' 2009, the only thing you have to do is to buy your tickets because all of the other expenses of this incredible week will be provided by ENGINEERING SOCIETY.

We really want to see you here!

ICAMES 2009 Organization Committee...

There is no attendance fee.
Free meals and accommodation will be provided for all participants.
All the participants will be given certificates at the end of the meeting.
Awards will be given to the first three projects.

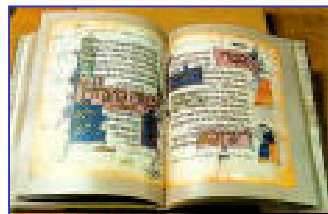
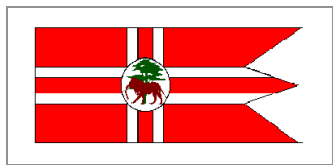
The Fourteenth International Cultural and Academic Meeting of Engineering Students organized by the undergraduate students of ENGINEERING SOCIETY (ENSO) of Bogazici University, will be held in

Liophant Simulation Libraries

ID	TITLE	Editor	Keywords
1	Systems Magazine Future Generation Computer Systems	IEEE Aerospace & Electronic North-Holland	Data Processing IT
2	Automazione	Jackson	Industrial Engineering
3	Rivista di Meccanica Oggi	Jackson	Industrial Engineering
4	Simulation News Europe	Eurosim	Simulation
5	Jane's Defence Weekly	Jane's	Military Industrial
6	Impiantistica Italiana	ANIMP Society for Computer	Engineering
7	Simulation Singapore Maritime & Port Journal 2001	Simulation MPA Singapore	Simulation Logistics

LSC has a wide selection of International Journals, Conference Proceedings and Scientific Books to be consulted by Liophant Members. Texts are spread in the libraries.

Here are some examples of Books and Journals in the Liophant Libraries



ID	Title	Authors	Editor	Year	Keywords
B1	Making Hard Decisions Vol.1/2	R.J. Clemen	Duxbury	1985	DSS
B2	Making Hard Decisions Vol.2/2	R.J. Clemen	Duxbury	1985	DSS
B3	Neural Networks in Finance & Investing Vol. 1/2	R.R. Trippi, E. Turban	Probus Publishing Company	1992	AI
B4	Neural Networks in Finance & Investing Vol. 2/2	R.R. Trippi, E. Turban	Probus Publishing Company	1992	AI
B5	Nonlinear Dynamical Systems (Edition II)	P.A. Cook	M.J. Grimble - Prentice Hall	1994	Data Processing
B6	Manuale di Manutenzione degli Impianti Industriali e Servizi	L.Furlanetto	FrancoAngeli	1998	Industrial Engineering
B7	Applichiamo il Total Productive Maintenance	Vari - JIPM - JMAC	FrancoAngeli	1991	Management
B8	Implementing Six Sigma	F.Breyfogle	Wiley-Interscience	1999	Management
B9	Measuring Six Sigma & Beyond	R.Lawson, B. Stuart	Motorola University Press	1997	Management
B10	The Baldrige Award for Education	J.S.Arcaro	St. Lucie Press	1995	Management
B11	Applied Chaos Theory	A.B. Cambel	Academic Press	1993	Data Processing
B12	The Fractal Geometry of Nature	B.B. Mandelbrot	Freeman	1983	Modelling
B13	Making Hard Decisions New Edition	R.J. Clemen, T.Reilly	Duxbury	2001	DSS
B14	Fractals & Scaling in Finance	B.B. Mandelbrot	Springer	1997	Modelling
B15	Small Worlds	D.J.Watts	Princeton University Press	1999	Modelling
B16	Simulation and Information System Design	E. Blumel, L. Novitsky	Jumi	2000	Simulation
B17	Outsourcing	S.M. Bragg	Wiley-Interscience	1998	Management
B18	Operations Scheduling	M.Pinedo, X. Chao	Irwin / McGraw -Hill	1999	Management
B19	Simulation Modelling Using @Risk	W.L.Winston	Duxbury - Thomson Learning	2001	Simulation
B20	A First Course in Fuzzy Logic	H.T.Nguyen, E.A.Walker	Chapman & Hall	2000	AI
B21	Project Management	H.Kerzner	Van Nostrand Reinhold	1998	Management
B22	Borland C++ Builder Guide	K. Reisdorph	SAMS Publishing/Apogeo	1998	IT
B23	Tracking & Kalman Filtering Made Easy	E. Brookner	Wiley-Interscience	1998	Data Processing
B24	Handbook of Simulation	J.Banks	Wiley-Interscience	1998	Simulation
B25	Electronic Warfare in the Information Age	D. C. Schleher	Artech House	1999	Military
B26	Understanding Synthetic Aperture Radar Images	C.Oliver, S. Quegan	Artech House	1998	Data Processing
B27	Travi IPE-HE Sollecitate a Compressione ed a Flessione	ILVA Quaderno Tecnico	ILVA - Gruppo IRI		Industrial Engineering
B28	SCAAT: Incremental Tracking with Incomplete Information	G.F.Welch	Chapel Hill	1996	Data Processing
B29	Deterministic and Stochastic Optimal Control	W.H.Fleming, R.W. Rishel	Springer-Verlag		Data Processing
B30	A Generic Traffic Simulation System with Distributed Load Sharing	J M Creagh	University College Cork	2000	Simulation
B31	Almanacco Navale	Vari	Istituto Idrografico della Marina	1988	Military
B32	Il Controllo Statistico per il Responsabile di Qualita'		FrancoAngeli	1995	Management
B33	Basi di Dati e Basi di Conoscenza		Jackson	1995	Data Processing

Liophant Simulation Football Team

In May 2003 Liophant Simulation was established the Liophant Football Team by students from different Italian Genoa Universities
Liophant Football Team lays the Foundation Stone on Savona Campus
Football History First Trophy Winner: 5-1

In 2005, the first edition of Savona Campus Trophy was set up and Liophant have won this football's ultimate prize, cementing their status as the most successful team in the history of the Campus. Liophant Football Team Captain accepted the trophy in an emotional prize-giving ceremony with his team and Club President in a Champagne waterfall (Veuve Cliquot for gossip columnist). In 2006 Liophant won again, while in 2007 he classified 2nd. On may 2008 LFC won once again; in addition a new Liophant Female Football team established in late 2007, won the Campus Trophy.



The Liophant Football Team established a Female Equipe in 2007; The Equipe was divided in two teams that resulted in First and Second place during the first Female Football Cup in Savona Campus during the 2007 autumn. The Equipe get a new "livrea" similar to Liophant Football team white shirt. A special game was run between Male and Female teams for establishing this new initiative during late 2007.



Liophanters

G. Berrino
E. Bocca
A. Bruzzone
L. Capelli
G. Capra
L. Comuzio
S. Costa
G.G. Cunha
P. Elfrey
A. Devoti
L. Fioravanti
C. Frydman
A. Garro
G. Garassino

G. Gestro
N. Giambiasi
R. Huntsinger
F. Longo
F. Madeo
M. Massei
Y. Merkuriev
L. Pelizzoni
A. Pessina
M.A. Piera
A.M. Piccardo
S. Pocobelli
G. Stulz
A. Tremori
J. Uebersax



Liophant Simulation

Board of Directors 2011

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Director: [A. Tremori](#)

Secretary: [A. Devoti](#)

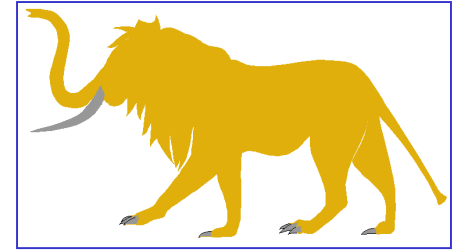
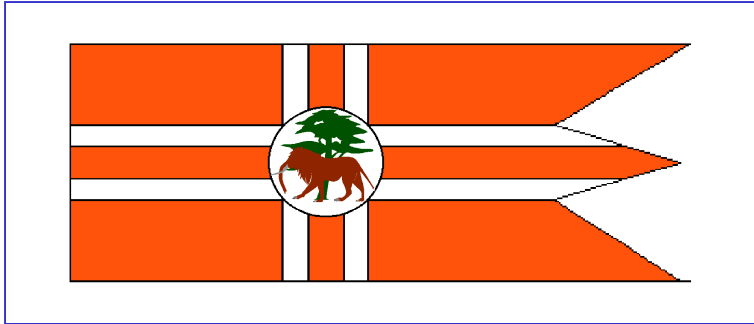
Finance Director: [M. Massei](#)

Board of Accounters: G. Gestro, [E. Bocca](#)

Web Responsible: [F. Longo](#)



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www.liophant.org

President: A.G. Bruzzone **Web Responsible:** F.Longo

Director: A.Tremori

Treasurer: M.Massei

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Board of Accouters: E.Bocca

G.Gestro