

Liophant Simulation

Report 2014

www.liophant.org





Liophant Simulation

URL www.liophant.org

Email info@liophant.org



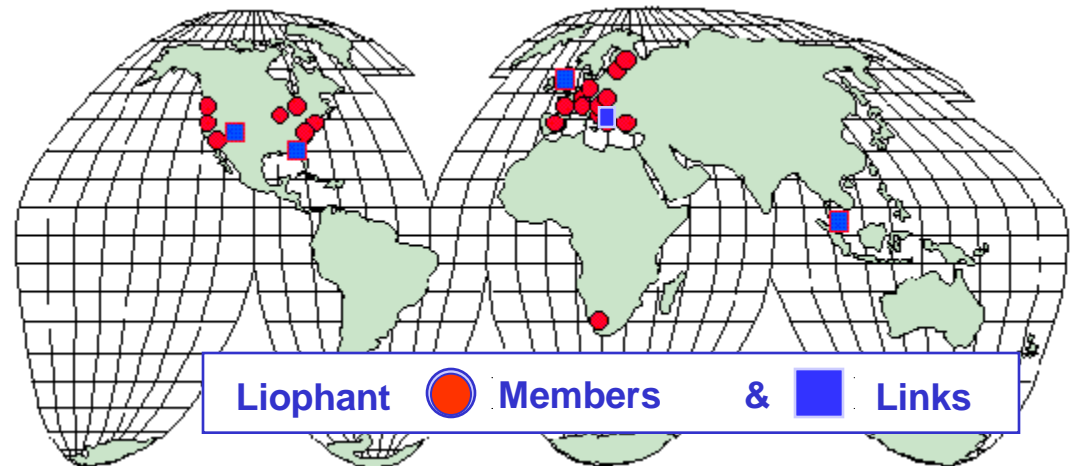
Liophant was established as Chapter of the Society for Computer Simulation International and is an observer member in Eurosim; Liophant Simulation in 2012 as been reorganized and involves World-Wide Scientists and Technicians working in Companies and Academia.

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

- ❖ CELEBES Simulating Power Plant Construction
- ❖ IPHITOS Simulating Space Guard System
- ❖ SPIRALS Simulation Moon Base Logistics
- ❖ Health Care & Human Behavior Modeling

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

www.liophant.org

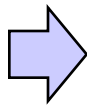
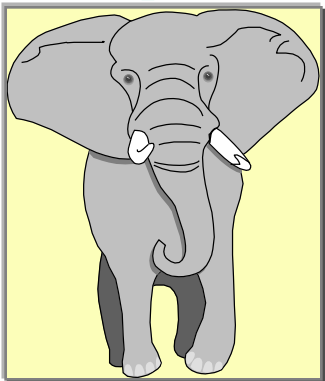




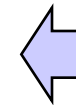
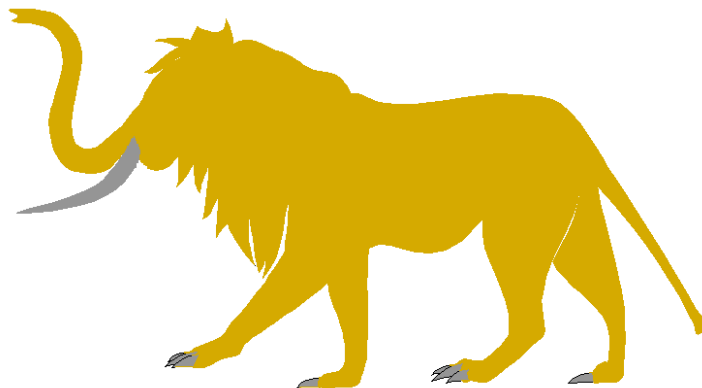
What is a Liophant ?

- 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

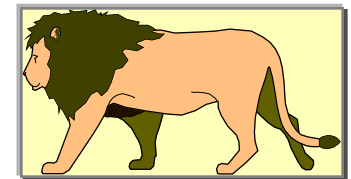
Elephant



Liophant



Lion



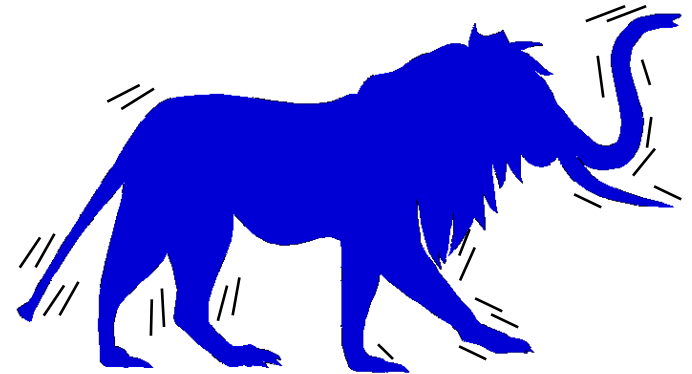
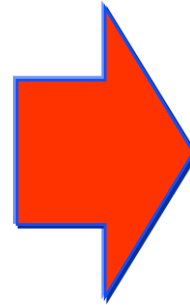


Why Liophant?

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



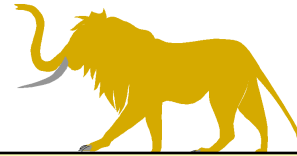
SIMULATION





Liophant Simulation

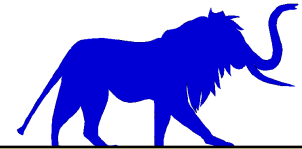
Attendance & Support to
Conferences World-Wide



Social Events
& Simulation
Promotion



Courses in Modeling &
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 Conference on Harbor, Maritime & Multimodal Logistics M&S

The International Conference on Modeling and Applied Simulation

The International Workshop on Applied Modelling & Simulation

The HMS, MAS & WAMS Workshops are classical events after editions in Athens, Buenos Aires, Rio de Janeiro, Riga, Buzios, Genova, Portofino, Barcelona, Marseille, Bergeggi, Tenerife, Buzios, 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 Multi conference is a consolidate International event devoted to promote M&S within Med & Latin Region



**I3M 2011
Roma
Italy**



	MISS Latvian Center Riga Technical University
	MISS Spanish Center UAE
	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 Genova
	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 WORKSHOP

McLeod Institute of Simulation Science Workshop

I3M was managed as Joint Event with NATO CAX Forum

www.msc-les.org/conf/i3m2011

I3M: 9th Mediterranean Meeting



International Multidisciplinary Modelling & Simulation Multiconference

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



I3M 2012 Wien Austria



MISS Latvian Center
Riga Technical University

MISS Spanish Center
UAB

MISS, LSIS Marseille

MIMOS

MISS, Perugia Center
University of Perugia

MISS, Braslian Center
LAMCE, UFRJ

MISS

Modeling & Simulation Net

Latvian Simulation Society

ESISA
Ecole Supérieure
Sciences Appliquées

University of La Laguna

CIFASIS: CONICET-UNR-UPCAM

INSTICC

DIPTeM, University of Genoa

LIOPHANT SIMULATION

SIMULATION TEAM

IMCS

Mechanical Department,
University of Calabria

Modeling & Simulation Center
Laboratory of Enterprise Solutions



European Modeling & Simulation Symposium



Int. Defense & Homeland Security Simulation Workshop



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



The International Conference on Modeling & Applied Simulation



Int. Conference on Integrated Modeling & Analysis in Applied Control & Automation



McLeod Institute of Simulation Science Workshop



M&S Network Workshop



The International Workshop on Innovative Simulation for Health Care

www.msc-les.org/Conf/i3m2012

I3M: 10th Mediterranean Meeting

International Multidisciplinary Modelling & Simulation Multiconference

The I3M Multi conference is a consolidate International event devoted to promote M&S in Multidisciplinary Framework



I3M 2013
Athens
Greece

IMAACA

Int. Conference on Integrated Modeling & Analysis in Applied Control & Automation



McLeod WORKSHOP
McLeod Institute of Simulation Science Workshop



M&S Network Workshop



www.liophant.org/i3m



I3M: 11th Mediterranean Meeting

International Multidisciplinary Modelling & Simulation Multiconference

The I3M Multi conference is a consolidate International event devoted to promote M&S in Multidisciplinary Framework



McLeod WORKSHOP
McLeod Institute of Simulation Science Workshop

M&S Network Workshop



Organizers and Sponsors

CM2012 is financially sponsored by



I3M2012 Industrial Sponsors:



I3M2012 Media Partners:



www.liophant.org/i3m



I3M: 12th Mediterranean Meeting

International Multidisciplinary Modelling & Simulation Multiconference

The I3M Multi conference is a consolidate International event devoted to promote M&S in Multidisciplinary Framework



M&S Network Workshop

McLeod WORKSHOP

McLeod Institute of Simulation Science Workshop



IMAACA Int. Conference on Integrated Modeling & Analysis in Applied Control & Automation



Organizers and Sponsors

I3M2012 Industrial Sponsors:

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I3M2012 Media Partners:

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www.liophant.org/i3m



New Conferences where Liophant Members are Actively Involved

2014 Conferences



[I3M2014, Bordeaux, France, September 10-12, 2014](http://www.liophant.org/i3m) - www.liophant.org/i3m

The 11th International Multidisciplinary Modelling & Simulation Multiconference
 (Co-Located Events: I3M2014/EMSS2014/HMS2014/MAS2014/IMAACA2014/IWHISH2013/SESDE2014)
 (Possibility to attend also to CAX Forum by special arrangements, please check with lonqo@simulationteam.com)



[EMSS2014, Bordeaux, France, September 2013](http://www.liophant.org/i3m/emss2014) - www.liophant.org/i3m/emss2014

26th European Simulation Symposium and Exhibition - Simulation in Industry
 (Co-Located Events: I3M2014/EMSS2014/HMS2014/MAS2014/IMAACA2014/IWHISH2013/SESDE2014)
 (Possibility to attend also to CAX Forum by special arrangements, please check with lonqo@simulationteam.com)



[HMS2014, Bordeaux, France, September 2014](http://www.liophant.org/hms) - www.liophant.org/hms

The 16th International Conference on Harbour, Maritime & Multimodal Logistics Modelling and Simulation
 (Co-Located Events: I3M2014/EMSS2014/HMS2014/MAS2014/IMAACA2014/IWHISH2013/SESDE2014)
 (Possibility to attend also to CAX Forum by special arrangements, please check with lonqo@simulationteam.com)



[MAS2014, Bordeaux, France, September 2014](http://www.liophant.org/mas) - www.liophant.org/mas

The 13th International Conference in Modeling & Applied Simulation
 (Co-Located Events: I3M2014/EMSS2014/HMS2014/MAS2014/IMAACA2014/IWHISH2013/SESDE2014)
 (Possibility to attend also to CAX Forum by special arrangements, please check with lonqo@simulationteam.com)



[DHSS2014, Bordeaux, France, September 2014](http://www.liophant.org/conferences/2014/dhss) - www.liophant.org/conferences/2014/dhss

the 4th International Defense and Homeland Security Simulation Workshop
 (Co-Located Events: I3M2014/EMSS2014/HMS2014/MAS2014/IMAACA2014/IWHISH2013/SESDE2014)
 (Possibility to attend also to CAX Forum by special arrangements, please check with lonqo@simulationteam.com)



[I WISH2014, Bordeaux, France, September 2014](http://www.liophant.org/conferences/2014/iwish) - www.liophant.org/conferences/2014/iwish

The 3rd International Workshop on Innovative Simulation for Health Care
 (Co-Located Events: I3M2014/EMSS2014/HMS2014/MAS2014/IMAACA2014/IWHISH2013/SESDE2014)
 (Possibility to attend also to CAX Forum by special arrangements, please check with lonqo@simulationteam.com)



[SESDE2014, Bordeaux, France, September 2014](http://www.liophant.org/conferences/2014/sesde) - www.liophant.org/conferences/2014/sesde

The International Workshop on Simulation for Energy, Sustainable Development & Environment
 (Co-Located Events: I3M2014/EMSS2014/HMS2014/MAS2014/IMAACA2014/IWHISH2013/SESDE2014)
 (Possibility to attend also to CAX Forum by special arrangements, please check with lonqo@simulationteam.com)



[WAMS2014, November 2014](http://www.liophant.org/conferences/2014/wams) - www.liophant.org/conferences/2014/wams

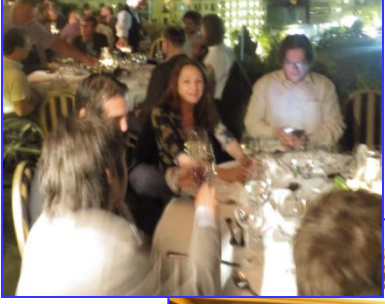
The International Workshop on Applied Modeling & Simulation



CAX Forum

[CAX Forum2014, 2014](#)

The CAX Forum is organized by M&S Center of Excellence
 (Possible Synergy with: [The International Multidisciplinary Modelling & Simulation Multiconference](#))



[Sim & Sea - The Simulation and Sea](#), Genoa, Italy, June 9 - www.mimos.it



[AfricaMS2014 - Modelling and Simulation](#), Gaborone, Botswana, September 1-3 - www.iasted.org



[SimuTECH](#), Wien, Austria, September 2-4 2014 - www.simutech.org



[SummerSim2014](#), Monterey, CA - USA, July 2014 - www.scs.org
 • The Summer Computer Simulation Conference
 • International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS2013)



[SpringSim2014](#), Tampa, FL - USA, April 13-16 2014 - www.scs.org
 • Simulation Exploration Experience 2014 (formerly Smackdown)



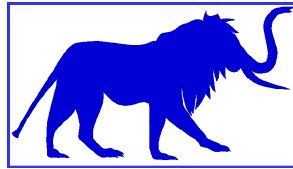
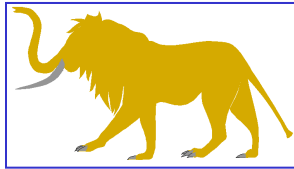
[MIC2014 - Modelling, Identification and Control](#), Innsbruck, Austria, February 17-19, 2014 - www.iasted.org



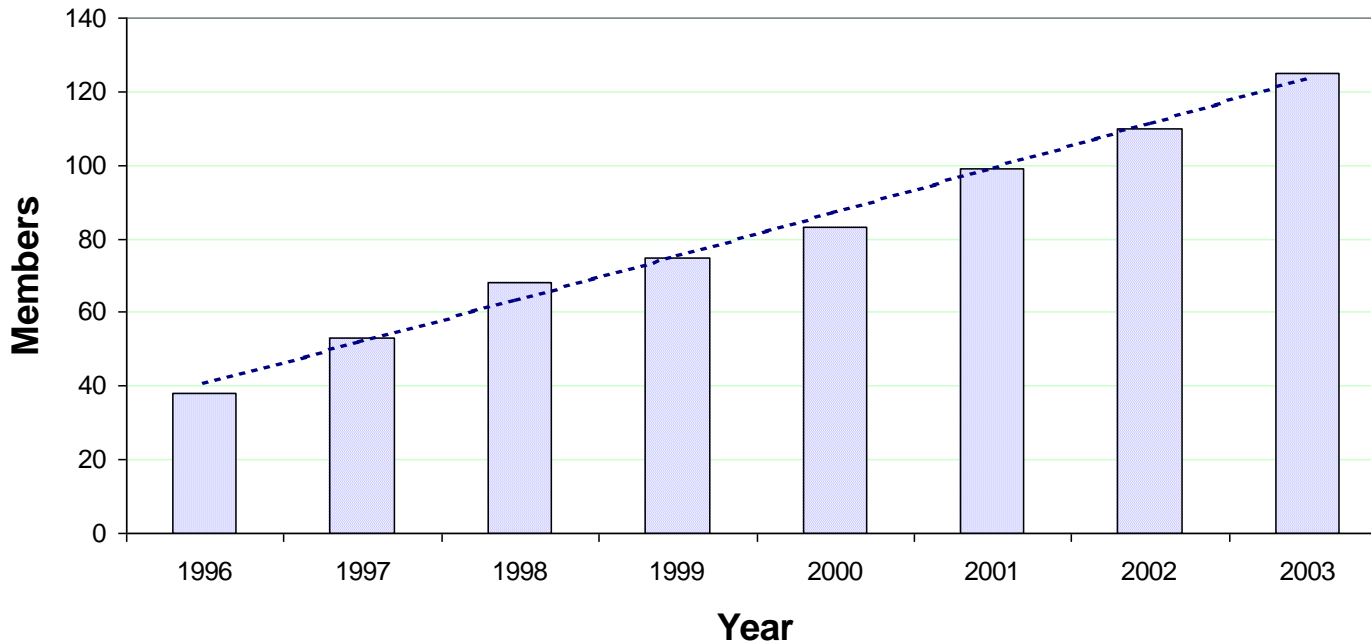
Liophant Figures

Services & Associations of the Members:

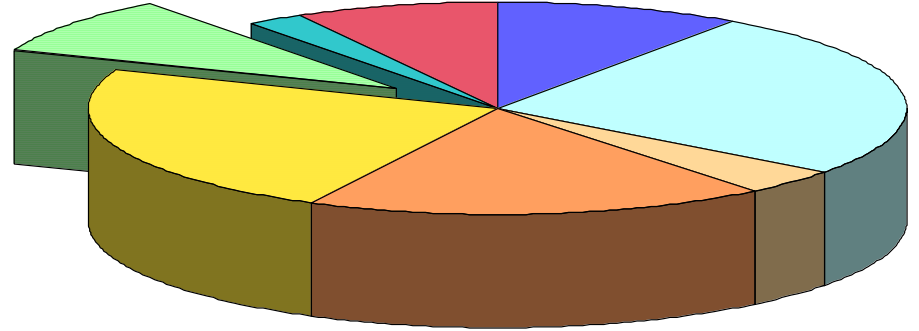
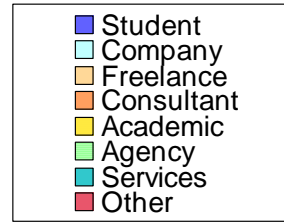
Italian Army, Guardia di Finanza, MISS,
NCS, Fraunhofer IFF



Liophant Members



Member Activities 2003

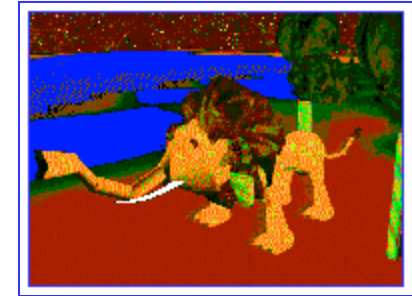


**Example of
Member
Affiliations:**
PMCorp
Exxon
NASA,
COOP
Guildemeister
& SMEs

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

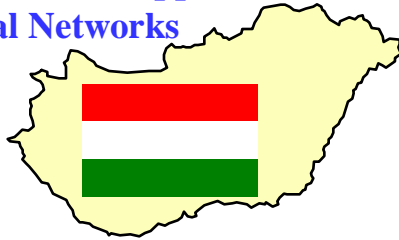
Organization
Full Staff

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



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

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

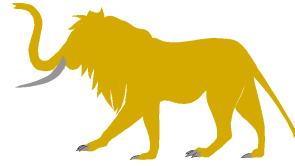
The International Activity of Liophant

ICAMES97, Istanbul, May

Award for Prisoner's Dilemma Algorithm (1st)

Award for VAED (3rd),

Gabriele Cotta & Roberto Revetria



Student Activity

1997

ANIMP97, Sorrento, October

Virtual Aided Engineering & Design

Best Project Award

Gabriele Cotta & Cerruto



EUROMEDIA, London

Web Based Applications

Lorenzo Motta



ESM97, Istanbul, June

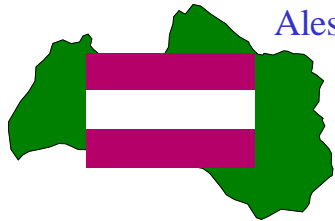
**Environment Applications of
Neural Networks**

Motta

Riga 97, October

**Web Based Simulation
of Harbour Services**

Alessio Carbone



Magdeburg 97, October

WOLVES

Warehouse Org.

& Logistics

Simulation

Bertolini

Carbone

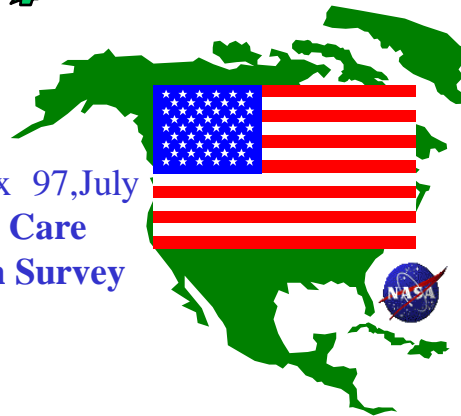
Revetria



Phoenix 97, July

**Health Care
System Survey**

Wolf



ESS97, Passau, October

Pollution Control

Lorenzo Motta



ITEC97, Lausanne, June

Safety First: Virtual Harbour

Gabriele Cotta & Mauro Cerruto

Orlando 97, September

NCS Cooperations, Remote Education Project

Alberto Tremori

Student Activity

The International Activity of Liophant

ICAMES98, Istanbul, May

POSEIDON

A.Carbone, M.Lagostena, G.Tani



Summer Simulation

Reno 98, July

TQM

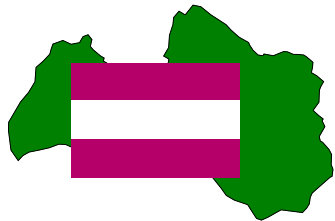
Filippo Paradiso



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

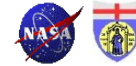
Student Activity

1998

Ports98, Genoa, September

Multedo Terminal Simulation

Alessio Carbone



Meeting LSC, NASA

Genoa, April



ANIMP98, Bologna, October

Automotive Assembling Simulation

Filippo Paradiso



NEURAP98, Marseille, March

Intelligent Acquisition System

Best Paper Award

R.Revetria, L.Motta



ESM98, Manchester

Web Based Applications

Lorenzo Motta



ITEC98, Lausanne, June

Alessio Carbone, Roberto Revetria

Student Activity

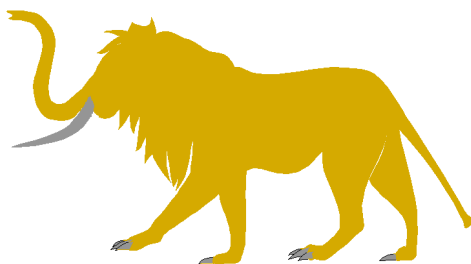
The International Activity of Liophant

ICAMES99, Istanbul, May

MESA, WORM

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

2nd & 3rd Best Projects Award



Student Activity 1999



Summer Simulation Conference 1999

Chicago, July

Francesca Vio



Detroit, Jul-Aug / Nov-Dec

Ford Motor Co.

F.Vio, R.Revetria



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



Baraquilla, Dec.

Luca Patrone



ITEC99

The Hague April

Project Management

A.Carbone, R.Revetria



New Mexico City, Nov.

Luca Patrone



NATO / Atlas

Bremen - Aug

VV&A

M.B.

Workshop HMS99 Genoa - September



ANIMP99, Ischia

Oct.

S.Rapallo

Best Thesis Award



MIC99/AI99, Innsbruck, Feb

Automation & Simulation

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

The International Activity of Liophant

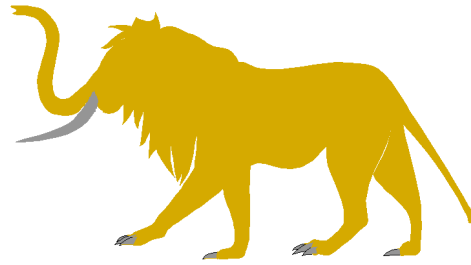
ICAMES2000, Istanbul, May

PUMA & GILA

Simeoni, Fracchia, PozziC.,

Mantero, Vigano`, Diglio

1st Best Projects Award



Student Activity **2000**



Montreal, July
CAE Electronics
S.Simeoni

CAE

LOCKHEED MARTIN

Montreal, August

Lockheed

Simeone Simeoni

Workshop HMS2000
Portofino Oct.



ANIMP00, Trieste Oct.

Simeoni, Fracchia, PozziC.

Thesis Award



Simulation Languages, Jul

CSUC

PozziCotto



WMC2000

San Diego, December

L.Motta



Orlando May / Nov-Dec

NCS & Nasa

Enrica Fracchia



MIC00/AI00, Innsbruck, Feb

Automation & Simulation, M.B.



OTU

Ostrava, Oct-Dec

Kindler (Patrone, Unali)



ITEC00

The Hague April

Simulation for Education

R.Revetria

RTU, Baltic CT

Riga, Oct-Dec

Diglio & Mantero



Hamburg

ESS2000

October

Pozzicotto

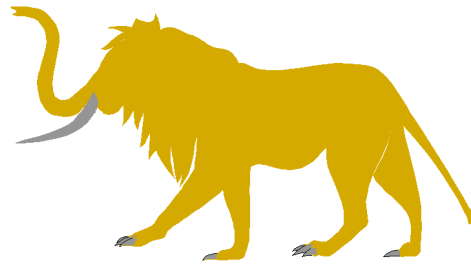
The International Activity of Liophant

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

Spoletto 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

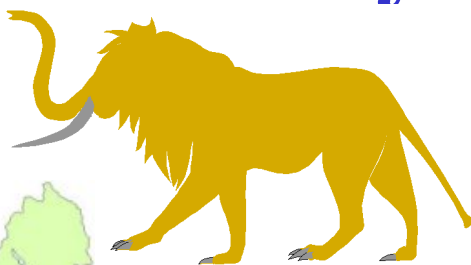
Pozzi Cotto



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



Creta,
 A. Orsoni

Sweden
 December
 S. Pozzi Cotto



Lisboa
 A.Orsoni



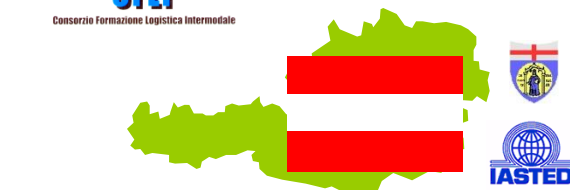
W.Bohemia Univ.
 December
 S.Pozzi Cotto



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

The International Activity of Liophant

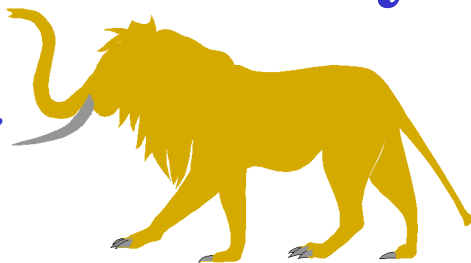
ICAMES2003, Istanbul, May

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

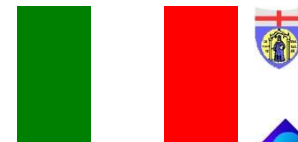
Workshop MAS2003
Bergeggi, Oct.



SCSC2003

Student Workshop
Montreal July

Over 10 students from USA, Canada

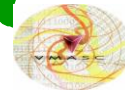


IEPAL/IEEE

Genoa/Novara **CFIL**

E.Mantero, D.Carini

Over 26 students from USA,
Germany, France, Turkey & Italy



SportFest 2003, June

Liophant Football
Team 3rd Position



SCS, ICT & Univ
Southern California

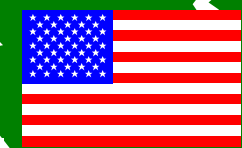
November

Danila Carini



Universidad
Panamericana

Danila Carini December
Mexico City



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



DS-RT2003, ESS2003

Delft, October

P.Blomjous,,

S.van Houten



MIC03, Innsbruck, Feb
Agent Driven Simulation, E.B.



UFRJ

Rio De Janeiro

October-November

F.Figini



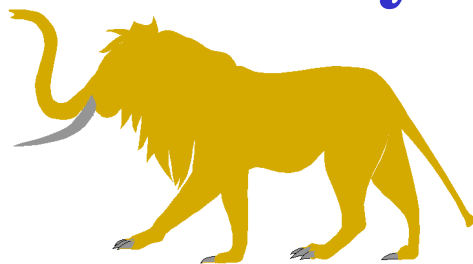
The International Activity of Liophant

ICAMES2004, Istanbul, May  

COMADREJA & SILLA2

F.Longo, D.Carini, A.Ganapini, M.Meistro,

S.Poggi -1st Runner Award

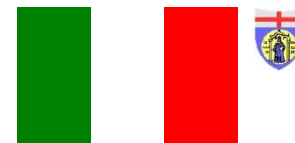


Exchange Activity **2004**
PhD, Master, BS



SimServ, Copenhagen
September, M.Massei

Workshop I3M2004/MAS2004
Bergeggi, Oct.



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

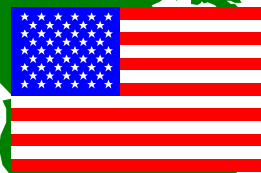
November-December
S.Simeoni



SCSC2005

San Jose`

July, S.Simeoni



Boston College

Boston , July-August
R.Moccia



VMASC, May
R.R.



University of
Maryland

November
G.Prioreschi



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

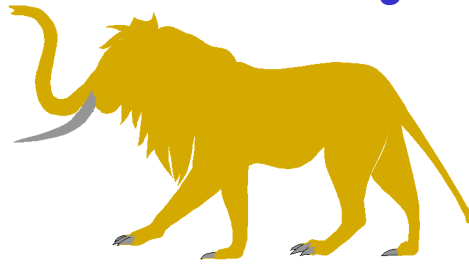


UFRJ



The International Activity of Liophant

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

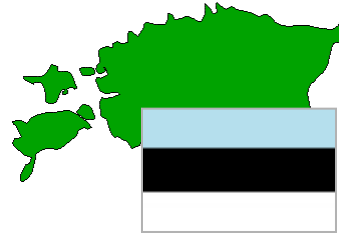


Exchange Activity
PhD, Master, BS **2005**



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



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

KSC
Orlando
August
E.Bocca



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

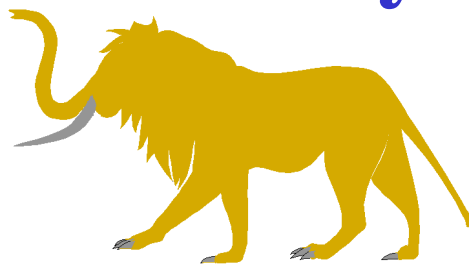
MACACO, PHROSIM

F.Longo, S.Poggi, L.Bucchianica,

G.Desensi,

C.Oderigo,

F.Tralongo



Exchange Activity
PhD, Master, BS

2006

Workshop MAS2006
Bergoggi, Oct



Science Festival
Genoa, Oct.

D.M., L.Pierfederici



AMS2006, Buzios
March F.Longo

EMSS2006

Boon

June S.Poggi



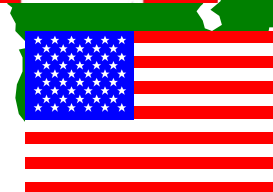
Virtuality2006

Turin, Nov, L.Pierfederici
D.M.

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

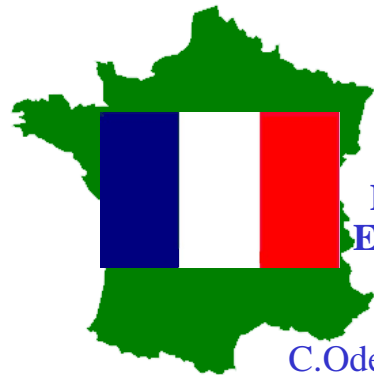


SCSC2006
Calgary
July F.Longo



Rutgers University,
July-August
F.Longo

SpringSim
SIW2006
Huntsville
March, K. Scarso



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



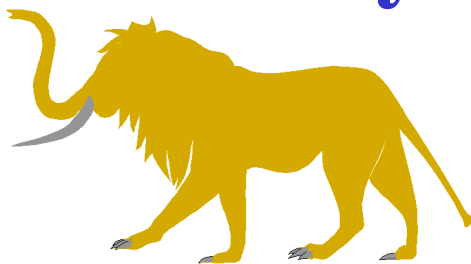
I3M2006
HMS2006
EMSS2006
Barcelona
October, E.B., S.Poggi



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

The International Activity of Liophant

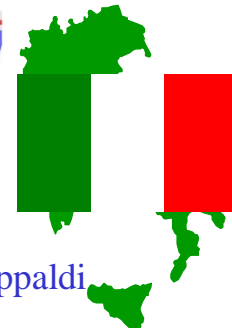
ICAMES2007, Istanbul, May
 MACACO, PHROSIM
 F.Longo, S.Poggi, D.Maritano
 L.Pierferici,
 D.M.



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



EUROSIW2007
 S.Margherita, June



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



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



Port Security
 Riga
 D.Grippaldi,
 M.Genova



M.Mazzarese
 Dartmouth College
 July-August

PIOVRA
 Rome, February.
 M.Seck



PIOVRA
 Paris, November
 L.Baati



JTLS
 Monterey
 October
 D.M.,
SCSCB2007
 San Diego
 July



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



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

SCSCB2007
 San Diego
 July

I/ITSEC
 Orlando



L.Pierfederici

IMSM
 Buenos Aires
 February



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, Beregeggi, 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
Magdeburg
March
L.Pierfederici



LSCM Leub en, Ottobre
L.Pierfederici



PIOVRA
Marseille, June
L.Baati



LITSEC
Orlando
December
A.Tremori



S.Saetta
University of Arizona
September-January



C.Frydman
Buenos Aires
February

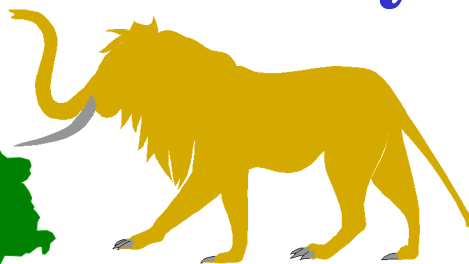


The International Activity of Liophant

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



ECMS, Madrid
F.Tarone, June

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

I3M2009
Tenerife, Sept
A.Cimino,
D.Curcio



DLM
Solutions
Barcelona
January-May
L.Dagnino



EDA
Capricorn
Bruxelles, December
A.Pessina

MISS Spain
Nov-Feb
M.Lucardi

Rutgers Univ.
Sept-Nov
A.Chiurco

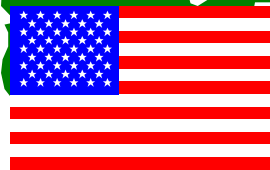


ST_PT
Singapore
May R.Cianci



Lexis
Clermont-Ferrant
Paris, November
B.Brivot

JTLS User
Monterey
November
A.Tremori



VMASC
Norfolk
Sept-Dec
A.Cimino



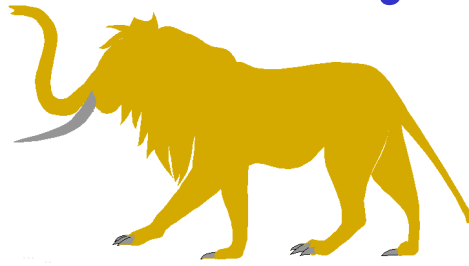
I/ITSEC
Orlando
A.Cimino
F.Tarone, R.Ambra



AMS, Bali, May R.Cianci

The International Activity of Liophant

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



SummerSim
2010
Ottawa, July



EDA, Capricorn
July
F.Madeo

ITEC
London, May
A.Tremori



ESISA
ESISA
Fes, June
M.Massei

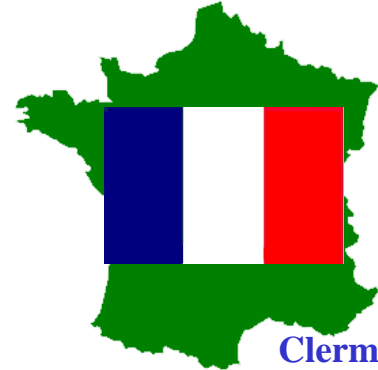


LAMCE_COPPE
July
L.Cotella

ICAMES2010, Istanbul,
May

F.Longo, F.Madeo

SpringSim
Orlando, April
F.Madeo
F.Tarone



Clermont-Ferrant
Paris, August
A.Claudel

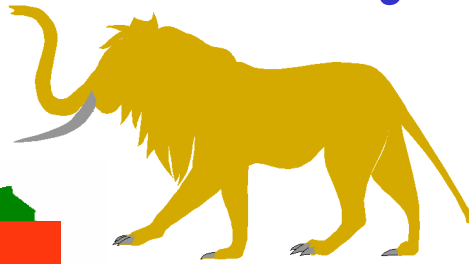


NASA
Orlando, May
A.Cimino

VMASC
Norfolk
April
F.Madeo
F.Tarone

The International Activity of Liophant

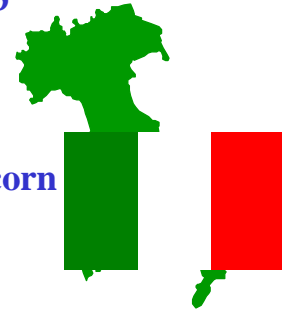
Exchange Activity
PhD, Master, BS **2011**



SummerSim
2011
The Hague,
June
A.Tremori



NATO C3 Agency
Brussels, June
A.Tremori



EDA, Capricorn
May
F.Madeo

ITEC
Cologne, May
A.Tremori



NATO
Lisboa, May
A.Tremori



SAS 085
June
F.Madeo



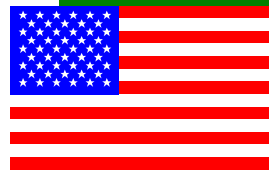
Marlon
April
G.Gazzale



PMC
Detroit
October
G.Gazzale



ST_PT
Singapore
May
M.Massei, L. Bucchianica



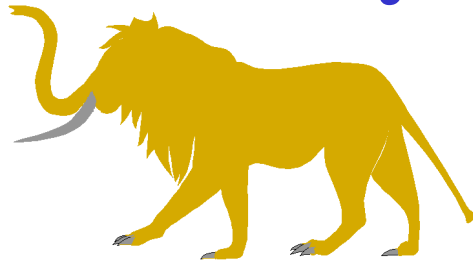
SISO
Smackdown
SpringSim
Boston, April
F.Tarone

EBR
Vienna VA,
February
D.Maino

ICAMES2011, Istanbul,
May
D.Ferraris



The International Activity of Liophant



Exchange Activity
PhD, Master, BS **2012**

ITEC
London, May
G.Franzinetti

NATO ARRC
November
F.Madeo

IMS Bordeaux University
December
J.Xin

York University
Sept.Oct
A.Canneti, F.Livi

Loxistica
June-December
L. Bucchianica

EDA, Capricorn
May
F.Madeo

NATO Courses
Nicoletti, Ferrando




NATO CAX Forum
Rome, September
G.Franzinetti

Univ.of Stavanger
May
A.Tremori

NPS, CA
June
F.Madeo



Ford Motor Co.
Detroit
March
M.Pucciano

Dartmouth College, NH, May



Harvard Medical School, MA, April
F.Madeo



I3M2012
Wien, September
Madeo, Nicoletti

I/ITSEC
Orlando, December
Dallorto, Ferrando

NASA Smackdown
SpringSim
Orlando, April
F.Tarone



ICAMES2012, Istanbul, May
L.Dato, M. Pucciano

Turkish Naval Academy,
June, A.Ceylan



Liophant Simulation



The International Activity of Liophant

University of Amsterdam

November
December
P.Scala



I3M, Athens,
September
Nicoletti, Agresta,
Bartolucci, Spadafora
Yemialyanava
Tsiakolos



Exchange Activity
PhD, Master, BS

2013

Simulation Team Labs

A. Weinling 

ITEC, Rome, May

L.Nicoletti, M.Agresta, C.Bartolucci, M.Corso,
A.Casapietra, M.Dallorto, L.Dato

NATO M&S Courses
November, Ferrando

Simul Tech,
Reykjavik, July
Bartolucci



EDA Meeting

December
Casapietra



NATO CAX Forum
Rome, September
Corso, Casapietra, Spadafora

Eurosim
Cardiff
September
G.Franzinetti



Loxistica
January-December
L. Bucchianica

York University, Sept. Oct
A. Yemialyanava



Simultech, Brisbane
September, M.Biagini

Summersim
Smackdown

Toronto, July
A. Yemialyanava
G. Rotella, M. Agresta

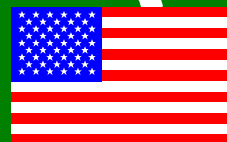
WAMS,
Buenos Aires
November
Corso, Casapietra,
Ferrando, Chiurco,
Spadafora



JWC
May
K. Tsiakolos



Sprinsim
San Diego, April
M. Dallorto, A. Ferrando,
D. Poggi

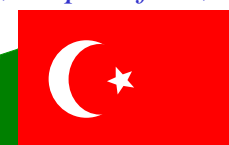


VMASC, 
July-September
A. Casapietra, M. Corso

A. Ferrando, F. Spadafora, E. Palaia,
M. Dallorto

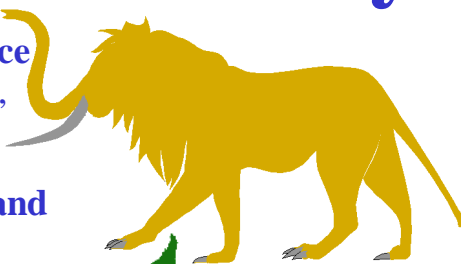
ICAMES
Istanbul, May

ICCRTS
June, Alexandria
M. Turi



The International Activity of Liophant

Exchange Activity **2014**
PhD, Master, BS



**Crisis Response
 Disaster COE,**
 Sofia, M.Biagini

**Risk Analysis and
 Simulation**
Abu Dhabi, February
 P.Bortolotto

Simulation Team Lab
P.Motroni, A.Vueling

**MCWS&MSTPA
 NATO STO CMRE**
 September
 I.Piccini, E.Picco,
 D.Pereira

Sim&Sea
June, M.Corso,
L.Dato, M.Agresta,
C.Bartolucci,

NMSG VV&A, Rome

October, M.Corso, G.Murino
NATO Simulation Course
 November, E.Picco

SIMCJOH, Rome, May
 G.Pogio, E.Picco

**IMS Bordeaux
 University**
December
 Pereira
 Corso
 Agresta
 Bartolucci
 Nicoletti
 Picco



Sprinsim & NASA SEE
Tampa, April
A.Ferrando, L.Dato,
F.Spadafora

ICAMES Istanbul, May
M.Agresta, A.Bartolucci,
A.Ferrando, S.Vena

**WAMS &
 CAX Forum**
Istanbul, Sept
Bartolucci

**Simtech,
 Brisbane**
 June,
 M.Biagini

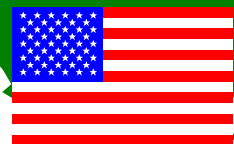
Liophant Simulation



**Counter
 Terror Expo
 London**
July
 G.Franzinetti



Summersim, Monterey
July, C.Bartolucci



**I/ITSEC
 Orlando, November**
L.Nicoletti, F.Spadafora

**ITEC
 Cologne, May**
 M.Biagini



MILIM - DIME University of Genoa



Liophant and Eurosim



EUROSIM

FEDERATION OF EUROPEAN SIMULATION SOCIETIES

EUROSIM

EUROSIM News

Member Societies

ASIM
CROSSIM
CSSS
DBSS
FRANCOSIM
HSS
ISCS
PSCS
SIMS
SLOSIM
UKSIM
CEA SMSG
LSS
ROMSIM
NSS
LIOPHANT

Publications

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ADMIN

EUROSIM Links

Home

EUROSIM Member Societies

EUROSIM member societies may be regional and/or national simulation societies. At present EUROSIM has 13 full members and 1 observer member.

Full member societies:

- [ASIM](#) – Arbeitsgemeinschaft Simulation (Austria, Germany, Switzerland)
- [CROSSIM](#) – Croatian Society for Simulation Modelling
- [CSSS](#) – Czech and Slovak Simulation Society
- [DBSS](#) – Dutch Benelux Simulation Society (Belgium, The Netherlands)
- [FRANCOSIM](#) – Société Francophone de Simulation (Belgium, France)
- [HSS](#) – Hungarian Simulation Society
- [ISCS](#) – Italian Society for Computer Simulation
- [PSCS](#) – Polish Society for Computer Simulation
- [SIMS](#) – Simulation Society of Scandinavia (Denmark, Finland, Norway, Sweden)
- [SLOSIM](#) – Slovenian Society for Simulation and Modelling
- [UKSIM](#) – United Kingdom Simulation Society (UK, Ireland)
- [CEA SMSG](#) Spanish Modelling and Simulation Group
- [LSS](#) - Latvian Society for Simulation

Observer member societies:

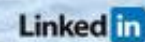
- [ROMSIM](#) - Romanian Society for Modelling and Simulation
- [NSS](#) - National Simulation Society (Russia)
- [LIOPHANT SIMULATION](#) - international modelling and simulation group (Italy)



Liophant Simulation listed as Observer Member Society in Eurosim applying to become Full Member



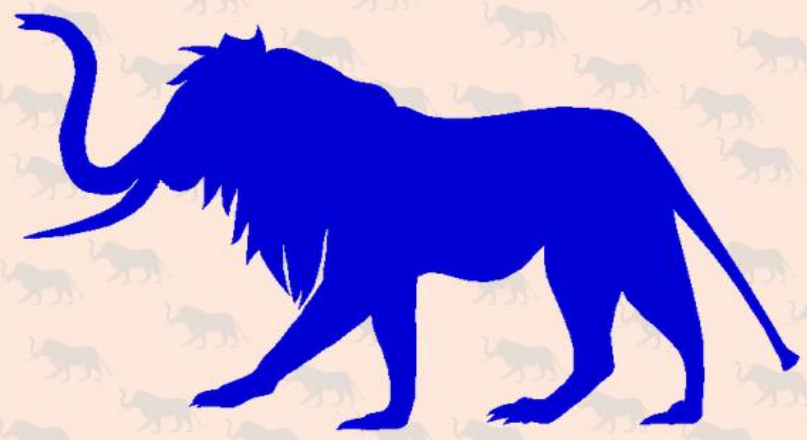
Liophant Free Pictures



-  [2014](#)
-  [2013](#)
-  [2012](#)
-  [2011](#)
-  [2010](#)
-  [2009](#)
-  [2008](#)



Liophant Simulation



The Liophant is a Mythological Being that only Simulation can bring back to Life !

Liophant is a non-profit association born in order to be a trait-d'union among simulation developers and users; Liophant is devoted to promote and diffuse the simulation techniques and methodologies; the Association promotes exchange of students, sabbatical years, organization of International Conferences, organization of courses and stages in companies to apply the simulation to real problems.

- [Activities](#)
- [Conferences](#)
- [Members](#)
- [Registration](#)
- [Miscellanies](#) NEW
- [Report](#) NEW
- [Library](#) NEW
- [Liophant Code of Ethics](#) NEW

Liophant was established as Chapter of the [Society for Computer Simulation International](#) and is an observer member in [Eurosims](#)



Simulation Exploratory Experience Modeling and Simulation Outreach (formerly Smackdown)



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

MIT Smackdown 2013 MIT Hopper

MIT Smackdown 2013	MIT Hopper
MIT Smackdown 2013	MIT Hopper
MIT Smackdown 2013	MIT Hopper
MIT Smackdown 2013	MIT Hopper
MIT Smackdown 2013	MIT Hopper
MIT Smackdown 2013	MIT Hopper
MIT Smackdown 2013	MIT Hopper
MIT Smackdown 2013	MIT Hopper
MIT Smackdown 2013	MIT Hopper
MIT Smackdown 2013	MIT Hopper





- ICAMES 2013
- FROM OUR RECTOR
- FROM OUR DEAN
- FROM OUR PRESIDENT
- ORGANIZATION COMMITTEE
- HISTORY
- PHOTO GALLERY
- COMMENTS
- CONTACT



ICAMES is the "International Cultural and Academic Meeting of Engineering Students", organized by the Engineering Society of Bogazici University. It is a project competition held in second week of May annually aiming to gather the different cultures from different countries in Istanbul. The most crucial importance of ICAMES is that it is the first and only organization which brings the university students and academicians together on an international base in Turkey. The support of Bogazici University Rectory and Dean of Engineering School is the guarantee that **ICAMES** will continue at full pace in the successive years being an engineering student and having a sense of engineering is sufficient. Although the main concept of **ICAMES** is a major project competition it is complemented with informative presentations about the cultures of Turkey and participating countries. **ICAMES**, which will be held for the 19th time this year, had been organized in 1994 for the first time by a group of students keeping in mind their principle as "Great deeds come with great dreams".

Our aim is not only to organize an academic workshop but also to introduce our country and culture and to improve mutual understanding between students from different cultures, religion and ethical backgrounds throughout **ICAMES**. At the same time we provide the participating countries with the opportunity to present their own cultures. Furthermore, the competition is complemented with



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	Simulation	Simulation
8	2001	MPA Singapore	Logistics

Liophant 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

Since May 2003, Liophant Simulation established the Liophant Simulation Football Team by students from different Italian Universities.

Liophant Football Team lays the Foundation Stone on Savona Campus Football History First Trophy Winner: 5-1 while Liophant Female Football Team was founded in 2007 and they won Savona Female Campus Trophy

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 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 LSFC won once again.



*Sport Festival,
Bogazici University 2003
LSFT 2nd at Football
Luca Bucchianica
elected King of
Sport Festival Party*



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.



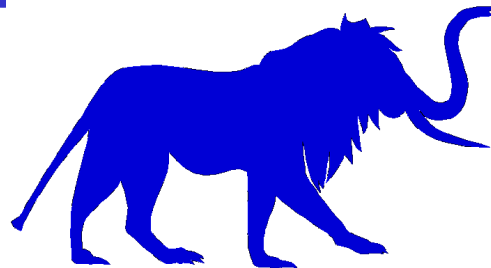
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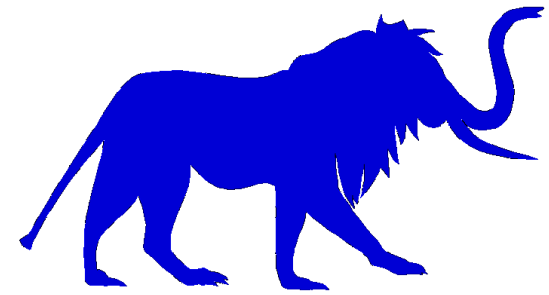
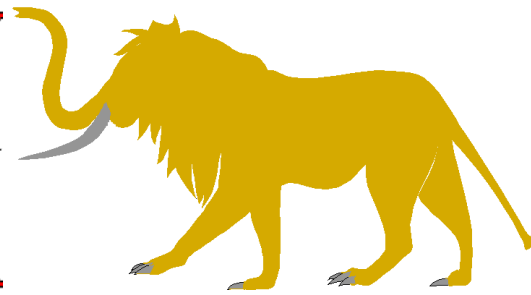
Liophant Simulation Members

- [G. Berrino](#)
- [E. Bocca](#)
- [A. Bruzzone](#)
- [L. Capelli](#)
- [G. Capra](#)
- [Cesiva \(formerly Scuola di Guerra\)](#)
- [L. Comuzio](#)
- [S. Costa](#)
- [G.G. Cunha](#)
- [A. Devoti](#)
- [P. Elfrey](#)
- [L. Fioravanti](#)
- [C. Frydman](#)
- [G. Garassino](#)
- [A. Garro](#)
- [G. Gestro](#)
- [N. Giambiasi](#)
- [R. Huntsinger](#)
- [F. Longo](#)
- [F. Madeo](#)
- [M. Massei](#)
- [Y. Merkuryev](#)
- [G. Merkuryeva](#)
- [MAST srl](#)
- [MIMOS](#)
- [I. Molnar](#)
- [National Center for Simulation](#)
- [L. Pelizzoni](#)
- [A. Pessina](#)
- [M.A. Piera](#)
- [A.M. Piccardo](#)
- [S. Pocobelli](#)
- [G. Stulz](#)
- [A. Tremori](#)
- [J. Uebersax](#)
- [E. Williams](#)



Since 2012, Liophant Simulation has been reorganized as “Registered Non-Profit Organization” from “Non-Profit Organization”





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