

# Liophant Simulation

## Report MMXVI-MMXVII

*[www.liophant.org](http://www.liophant.org)*





# Liophant Simulation

URL [www.liophant.org](http://www.liophant.org)

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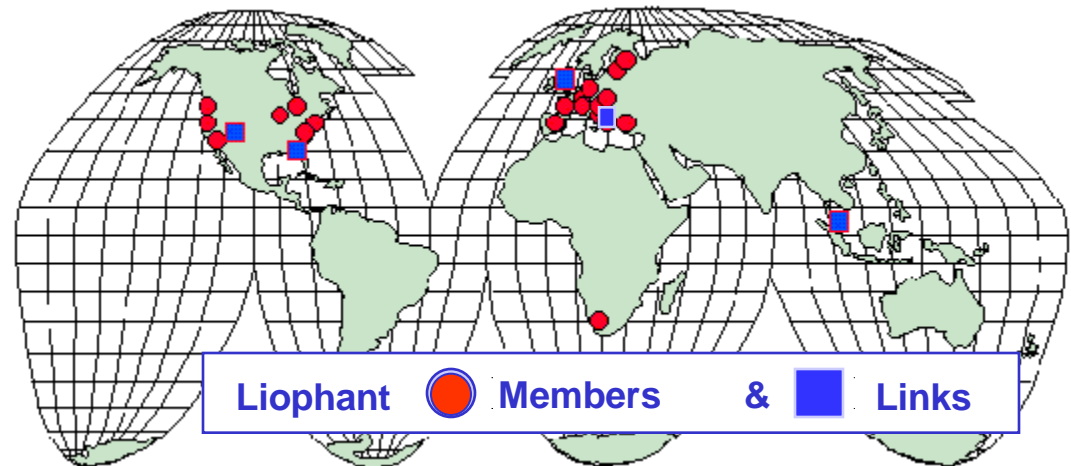
Liophant was established as Chapter of the Society for Computer Simulation International and is an observer member in Eurosim; Liophant Simulation in 2012 as been reorganized and involves World-Wide Scientists and Technicians working in Companies and Academia.

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](http://www.liophant.org)

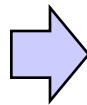
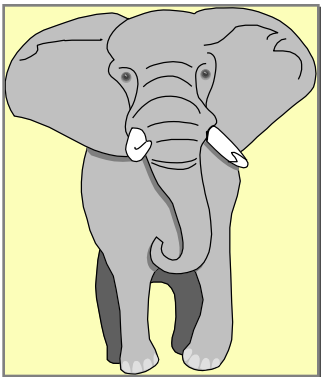




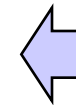
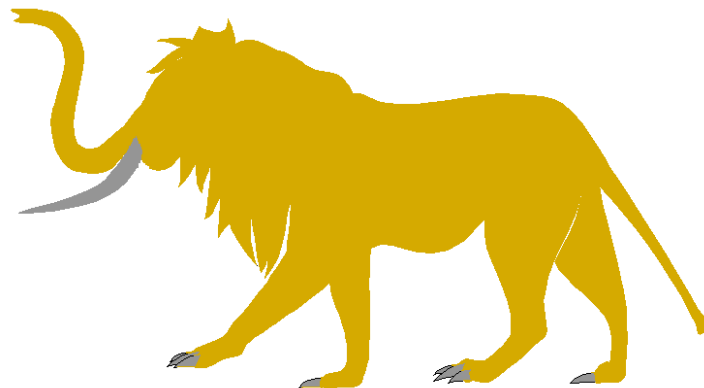
# What is a Liophant ?

- 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*

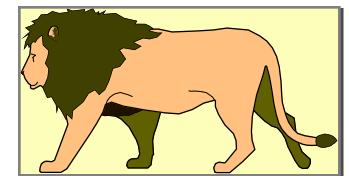
**Elephant**



**Liophant**



**Lion**



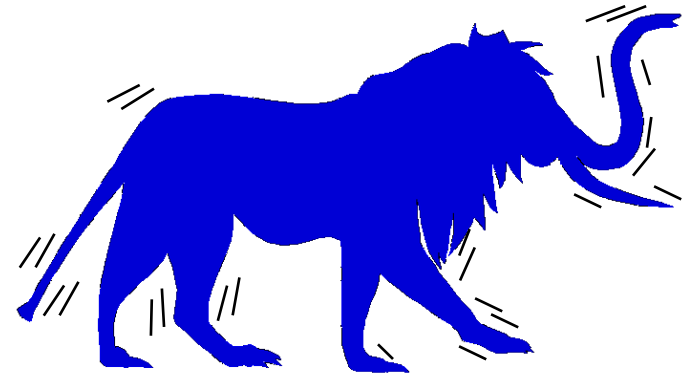
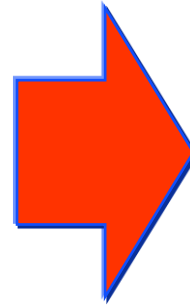


# Why Liophant?

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



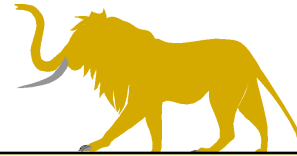
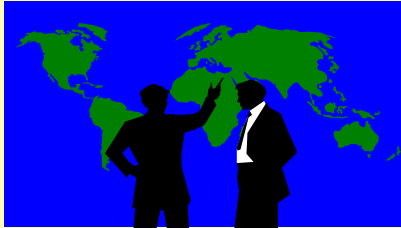
**SIMULATION**





# Liophant Simulation

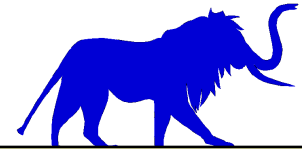
Attendance & Support to  
Conferences World-Wide



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 Bordeaux, Athens, Buenos Aires, Rio de Janeiro, Riga, Buzios, Genova, Portofino, Barcelona, Marseille, Bergeggi, Tenerife, Buzios, Sankt Petersburg, Cagliari



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

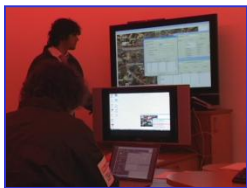


**I3M 2010 Fes Morocco**

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/](http://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<br>Riga Technical University |
|  | MISS Spanish Center<br>UAE                       |
|  | MISS, LSIS Marseille                             |
|  | MIMOS  |
|  | MISS, Perugia Center<br>University of Perugia    |
|  | MISS, Brazilian Center<br>LAMCE, UFRJ            |
|  | MISS   |
|  | Modeling & Simulation Network                    |
|  | Latvian Simulation Society                       |

|  |  |
|--|--|
|  | DIPTM, University of Genova  |
|  | LIOPHANT SIMULATION  |
|  | SIMULATION TEAM  |
|  | IMCS   |
|  | Mechanical Department,<br>University of Calabria                   |
|  | Modeling & Simulation Center<br>Laboratory of Enterprise Solutions |
|  | Modeling & Simulation Center of<br>Excellence (MSCOE)              |
|  | Ecole Supérieure d'Ingénierie en<br>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](http://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

DIPTM, University of Genoa

LIOPHANT SIMULATION

SIMULATION TEAM

IMCS

Mechanical Department,  
University of Calabria

Modeling & Simulation Center  
Laboratory of Enterprise Solutions

**EMSS  
2012**

European Modeling & Simulation Symposium

**DHSS  
2012**

Int. Defense & Homeland Security Simulation Workshop

**HMS  
2012**

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

**MAS  
2012**

The International Conference on Modeling & Applied Simulation

**IMAACA**

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

**McLeod  
WORKSHOP**

McLeod Institute of Simulation Science Workshop

**M&SNet**

M&S Network Workshop

**I WISH**

2012 The International Workshop on Innovative Simulation for Health Care

[www.msc-les.org/Conf/i3m2012](http://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](http://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**

M&S Network Workshop

McLeod Institute of Simulation Science Workshop



Organizers and Sponsors

Co-organizers and Sponsors

DM2012 is financially sponsored by

I3M2012 Industrial Sponsors:

I3M2012 Media Partners:



[www.liophant.org/i3m](http://www.liophant.org/i3m)



# I3M: 12th Mediterranean Meeting

## International Multidisciplinary Modelling & Simulation Multiconference



**I3M 2015  
Bergeggi  
Italy**



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



**McLeod  
WORKSHOP**

M&S Network  
Worksh



McLeod Institute of  
Simulation Science  
Workshop



**I3M Organizers and Sponsors**



**I3M2012 Industrial Sponsors:**



**I3M2012 Media Partners:**



[www.liophant.org/i3m](http://www.liophant.org/i3m)

# I3M: 13th Mediterranean Meeting

## International Multidisciplinary Modelling & Simulation Multiconference



**I3M 2016  
Larnaca  
Cyprus**

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



**McLeod  
WORKSHOP**

M&S Network  
Worksh



McLeod Institute of  
Simulation Science  
Workshop

**I3M Organizers and Sponsors**



**I3M2012 Industrial Sponsors:**



**I3M2012 Media Partners:**



[www.liophant.org/i3m](http://www.liophant.org/i3m)

# I3M: 14th Mediterranean Meeting

## International Multidisciplinary Modelling & Simulation Multiconference



**I3M 2017  
Barcelona  
Spain**

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



**McLeod  
WORKSHOP**

M&S Network  
Workshop



McLeod Institute of  
Simulation Science  
Workshop

I3M Organizers and Sponsors



I3M2012 Industrial Sponsors:



I3M2012 Media Partners:



[www.liophant.org/i3m](http://www.liophant.org/i3m)

# Conferences where Liophant Members were Actively Involved



**[I3M2015, Bergeggi, Italian Riviera, Italy September 21-23, 2015](http://www.liophant.org/i3m) - [www.liophant.org/i3m](http://www.liophant.org/i3m)**

The 11th International Multidisciplinary Modelling & Simulation Multiconference  
 (Co-Located Events: I3M2015/EMSS2015/HMS2015/MAS2015/IMAACA2015/IWISH2015/SESDE2015)  
 (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))



**[EMSS2015, Bergeggi, Italian Riviera, Italy September 21-23, 2015](http://www.liophant.org/i3m/emss2015) - [www.liophant.org/i3m/emss2015](http://www.liophant.org/i3m/emss2015)**

27th European Simulation Symposium and Exhibition - Simulation in Industry  
 (Co-Located Events: I3M2015/EMSS2015/IMS2015/MAS2015/IMAACA2015/IWI IISI I2015/SESDC2015)  
 (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))



**[HMS2015, Bergeggi, Italian Riviera, Italy September 21-23, 2015](http://www.liophant.org/hms) - [www.liophant.org/hms](http://www.liophant.org/hms)**

The 17th International Conference on Harbour, Maritime & Multimodal Logistics Modelling and Simulation  
 (Co-Located Events: I3M2015/EMSS2015/HMS2015/MAS2015/IMAACA2015/IWISH2015/SESDE2015)  
 (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))



**[MAS2015, Bergeggi, Italian Riviera, Italy September 21-23, 2015](http://www.liophant.org/mas) - [www.liophant.org/mas](http://www.liophant.org/mas)**

The 14th International Conference in Modeling & Applied Simulation  
 (Co-Located Events: I3M2015/EMSS2015/HMS2015/MAS2015/IMAACA2015/IWISH2015/SESDE2015)  
 (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))



**[IMAACA2015, Bergeggi, Italian Riviera, Italy September 21-23, 2015](http://www.liophant.org/conferences/2015/imaaca) - [www.liophant.org/conferences/2015/imaaca](http://www.liophant.org/conferences/2015/imaaca)**

8th International Conference on Integrated Modeling and Analysis in Applied Control and Automation  
**[DHSS2015, Bergeggi, Italian Riviera, Italy September 21-23, 2015](http://www.liophant.org/conferences/2015/dhss) - [www.liophant.org/conferences/2015/dhss](http://www.liophant.org/conferences/2015/dhss)**



The 4th International Defense and Homeland Security Simulation Workshop  
 (Co-Located Events: I3M2015/EMSS2015/HMS2015/MAS2015/IMAACA2015/IWISH2015/SESDE2015)  
 (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))

**[I WISH2015, Bergeggi, Italian Riviera, Italy September 21-23, 2015](http://www.liophant.org/conferences/2015/iwish) - [www.liophant.org/conferences/2015/iwish](http://www.liophant.org/conferences/2015/iwish)**



The 3rd International Workshop on Innovative Simulation for Health Care  
 (Co-Located Events: I3M2015/EMSS2015/HMS2015/MAS2015/IMAACA2015/IWISH2015/SESDE2015)  
 (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))

**[SESDE2015, Bergeggi, Italian Riviera, Italy September 21-23, 2015](http://www.liophant.org/conferences/2015/sesde) - [www.liophant.org/conferences/2015/sesde](http://www.liophant.org/conferences/2015/sesde)**



The International Workshop on Simulation for Energy, Sustainable Development & Environment  
 (Co-Located Events: I3M2015/EMSS2015/HMS2015/MAS2015/IMAACA2015/IWISH2015/SESDE2015)  
 (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))

**[WAMS2015, September 2015](http://www.liophant.org/conferences/2015/wams) - [www.liophant.org/conferences/2015/wams](http://www.liophant.org/conferences/2015/wams)**



The International Workshop on Applied Modeling & Simulation

**[CAX Forum2015, 2015](http://www.liophant.org/conferences/2015/caxforum)**

The CAX Forum is organized by M&S Center of Excellence  
 (Possible Synergy with: *The International Multidisciplinary Modelling & Simulation Multiconference and WAMS*)



SummerSim2015, USA, July 2015 - [www.scs.org](http://www.scs.org)  
 • The Summer Computer Simulation Conference  
 • International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS2015)



SpringSim2015, Alexandria, VA - USA, April 12-15 2014 - [www.scs.org](http://www.scs.org)  
 • Simulation Exploration Experience 2015 (formerly Smackdown)



# Conferences where Liophant Members were Actively Involved



**I3M2016, Cyprus, September 26-28, 2016 - [www.liophant.org/i3m](http://www.liophant.org/i3m)**

The XIII International Multidisciplinary Modelling & Simulation Multiconference

(Co-located Events: I3M2016/EMSS2016/HMS2016/MAS2016/IMAACA2016/WHISH2016/SESDE2016/FoodOPS) (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))

**EMSS2016, Cyprus, September 26-28, 2016 - [www.liophant.org/i3m/emss2](http://www.liophant.org/i3m/emss2)**

28th European Simulation Symposium and Exhibition - Simulation in Industry

(Co-located Events: I3M2016/EMSS2016/HMS2016/MAS2016/IMAACA2016/WHISH2016/SESDE2016/FoodOPS) (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))

**HMS2016, Cyprus, September 26-28, 2016 - [www.liophant.org/hms](http://www.liophant.org/hms)**

The 18th International Conference on Harbour, Maritime & Multimodal Logistics Modelling and Simulation

(Co-located Events: I3M2016/EMSS2016/HMS2016/MAS2016/IMAACA2016/WHISH2016/SESDE2016/FoodOPS) (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))

**MAS2016, Cyprus, September 26-28, 2016 - [www.liophant.org/mas](http://www.liophant.org/mas)**

The 15th International Conference in Modeling & Applied Simulation

(Co-located Events: I3M2016/EMSS2016/HMS2016/MAS2016/IMAACA2016/WHISH2016/SESDE2016/FoodOPS) (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))

**IMAACA2016, Cyprus 26-28, September 26-28, 2016 - [www.liophant.org/conferences/2016/imaaca](http://www.liophant.org/conferences/2016/imaaca)**

9th International Conference on Integrated Modeling and Analysis in Applied Control and Automation

(Co-located Events: I3M2016/EMSS2016/HMS2016/MAS2016/IMAACA2016/WHISH2016/SESDE2016/FoodOPS) (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))

**DHSS2016, Cyprus, September 26-28, 2016 - [www.liophant.org/conferences/2016/dhss](http://www.liophant.org/conferences/2016/dhss)**

the 5th International Defense and Homeland Security Simulation Workshop

(Co-located Events: I3M2016/EMSS2016/HMS2016/MAS2016/IMAACA2016/WHISH2016/SESDE2016/FoodOPS) (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))

**I WISH2016, Cyprus, September 26-28, 2016 - [www.liophant.org/conferences/2016/iwish](http://www.liophant.org/conferences/2016/iwish)**

The 4th International Workshop on Innovative Simulation for Health Care

(Co-located Events: I3M2016/EMSS2016/HMS2016/MAS2016/IMAACA2016/WHISH2016/SESDE2016/FoodOPS) (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))

The International Workshop on Simulation for Energy, Sustainable Development & Environment

(Co-located Events: I3M2016/EMSS2016/HMS2016/MAS2016/IMAACA2016/WHISH2016/SESDE2016/FoodOPS) (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))

The International Food Operations & Processing Simulation Workshop focuses on M&S applied to Food Industry

(Co-located Events: I3M2016/EMSS2016/HMS2016/MAS2016/IMAACA2016/WHISH2016/SESDE2016/FoodOPS) (Possibility to attend also to CAX Forum by special arrangements, please check with [longo@simulationteam.com](mailto:longo@simulationteam.com))

**WAMS2016, November 2016 - [www.liophant.org/conferences/2016/wams](http://www.liophant.org/conferences/2016/wams)**

**CAX Forum2016, Germany, September 19-22, 2016 - [www.mscoe.org](http://www.mscoe.org)**

The CAX Forum is organized by M&S Center of Excellence

(Possible Synergy with [The International Multidisciplinary Modelling & Simulation Multiconference](#) and [WAMS](#))

**SpringSim2016, Alexandria, VA - USA, April 12-15 2014 - [www.scs.org](http://www.scs.org)**

- [Simulation Exploration Experience 2016](#) (formerly [Smackdown](#))

**Simultech, Lisbon, Portugal, July 29-31 2016 - [www.simultech.org](http://www.simultech.org)**



**SummerSim2016, Montreal, Canada, July 24-27, 2015 - [www.scs.org](http://www.scs.org)**

- [The Summer Computer Simulation Conference](#)
- [International Symposium on Performance Evaluation of Computer and Telecommunication Systems \(SPECS2015\)](#)

**AfricaMS2016 - Modelling and Simulation, Gaborone, Botswana, September 2-4 - [www.iasted.org](http://www.iasted.org)**

**Eurosim 2016, September 19-22, 2016 - [www.eurosim.info](http://www.eurosim.info)**

# New Conferences where Liophant Members is Actively Involved



**I3M2017, Barcelona, Catalonia, Spain, September 18-20, 2017 - [www.liophant.org/i3m](http://www.liophant.org/i3m)**

The XIV International Multidisciplinary Modelling & Simulation Multiconference

(Co-located Events: I3M2017/ENISS2017/HMS2017/MAS2017/MAACA2017/WHISH2017/SEDE2017/FoodOPS)  
(Possibility to attend also to CAX Forum by special arrangements, please check with [info@simulationteam.com](mailto:info@simulationteam.com))

**EMSS2017, Barcelona, Catalonia, Spain, September 18-20, 2017 - [www.liophant.org/i3m/emss2017](http://www.liophant.org/i3m/emss2017)**

28th European Simulation Symposium and Exhibition - Simulation in Industry

(Co-located Events: I3M2017/ENISS2017/HMS2017/MAS2017/MAACA2017/WHISH2017/SEDE2017/FoodOPS)  
(Possibility to attend also to CAX Forum by special arrangements, please check with [info@simulationteam.com](mailto:info@simulationteam.com))

**HMS2017, Barcelona, Catalonia, Spain, September 18-20, 2017 - [www.liophant.org/hms](http://www.liophant.org/hms)**

The 18th International Conference on Harbour, Maritime & Multimodal Logistics Modelling and Simulation

(Co-located Events: I3M2017/ENISS2017/HMS2017/MAS2017/MAACA2017/WHISH2017/SEDE2017/FoodOPS)  
(Possibility to attend also to CAX Forum by special arrangements, please check with [info@simulationteam.com](mailto:info@simulationteam.com))

**MAS2017, Barcelona, Catalonia, Spain, September 18-20, 2017 - [www.liophant.org/mas](http://www.liophant.org/mas)**

The 15th International Conference in Modeling & Applied Simulation

(Co-located Events: I3M2017/ENISS2017/HMS2017/MAS2017/MAACA2017/WHISH2017/SEDE2017/FoodOPS)  
(Possibility to attend also to CAX Forum by special arrangements, please check with [info@simulationteam.com](mailto:info@simulationteam.com))

**MAACA2017, Barcelona, Catalonia, Spain, September 18-20, 2017 - [www.liophant.org/conferences/2017/imaaca](http://www.liophant.org/conferences/2017/imaaca)**

9th International Conference on Integrated Modeling and Analysis In Applied Control and Automation

(Co-located Events: I3M2017/ENISS2017/HMS2017/MAS2017/MAACA2017/WHISH2017/SEDE2017/FoodOPS)  
(Possibility to attend also to CAX Forum by special arrangements, please check with [info@simulationteam.com](mailto:info@simulationteam.com))

**DHSS2017, Barcelona, Catalonia, Spain, September 18-20, 2017 - [www.liophant.org/conferences/2017/dhss](http://www.liophant.org/conferences/2017/dhss)**

the 5th International Defense and Homeland Security Simulation Workshop

(Co-located Events: I3M2017/ENISS2017/HMS2017/MAS2017/MAACA2017/WHISH2017/SEDE2017/FoodOPS)  
(Possibility to attend also to CAX Forum by special arrangements, please check with [info@simulationteam.com](mailto:info@simulationteam.com))

**IWISH2017, Barcelona, Catalonia, Spain, September 18-20, 2017 - [www.liophant.org/conferences/2017/iwish](http://www.liophant.org/conferences/2017/iwish)**

The 4th International Workshop on Innovative Simulation for Health Care

(Co-located Events: I3M2017/ENISS2017/HMS2017/MAS2017/MAACA2017/WHISH2017/SEDE2017/FoodOPS)  
(Possibility to attend also to CAX Forum by special arrangements, please check with [info@simulationteam.com](mailto:info@simulationteam.com))

**SEDE2017, Barcelona, Catalonia, Spain, September 18-20, 2017 - [www.liophant.org/conferences/2017/sede](http://www.liophant.org/conferences/2017/sede)**

The International Workshop on Simulation for Energy, Sustainable Development & Environment

(Co-located Events: I3M2017/ENISS2017/HMS2017/MAS2017/MAACA2017/WHISH2017/SEDE2017/FoodOPS)  
(Possibility to attend also to CAX Forum by special arrangements, please check with [info@simulationteam.com](mailto:info@simulationteam.com))

**FoodOPS2017, Barcelona, Catalonia, Spain, September 18-20, 2017 - [www.liophant.org/conferences/2017/foodops](http://www.liophant.org/conferences/2017/foodops)**

The International Food Operations & Processing Simulation Workshop focuses on M&S applied to Food Industry

(Co-located Events: I3M2017/ENISS2017/HMS2017/MAS2017/MAACA2017/WHISH2017/SEDE2017/FoodOPS)  
(Possibility to attend also to CAX Forum by special arrangements, please check with [info@simulationteam.com](mailto:info@simulationteam.com))

**WAMS2017, November 2017 - [www.liophant.org/conferences/2017/wams](http://www.liophant.org/conferences/2017/wams)**

The International Workshop on Applied Modeling & Simulation

(WAMS is co-located with the [I3M2017 CAX FORUM](http://www.i3m2017.com); there is also a possible Synergy with: [The International Multidisciplinary Modelling & Simulation Multiconference](http://www.liophant.org/conferences/2017/dhss) and [WAMS](http://www.liophant.org/conferences/2017/iwish))

**CAX Forum2017, 2017 - [www.mscoe.org](http://www.mscoe.org)**

The CAX Forum is organized by M&S Center of Excellence

(CAX Forum is co-located with [WAMS: The International Workshop on Applied Modeling & Simulation](http://www.liophant.org/conferences/2017/wams); there is also a possible Synergy with: [The International Multidisciplinary Modelling & Simulation Multiconference](http://www.liophant.org/conferences/2017/dhss) and [WAMS](http://www.liophant.org/conferences/2017/iwish))

**SISOM Workshop, Rome, Italy, March 2017 - [www.liophant.org/siren/2017/industry4dot0](http://www.liophant.org/siren/2017/industry4dot0)**

Industry 4.0 First Solutions & Experimentations: the case of SISOM Project

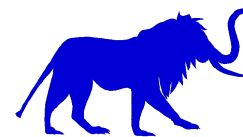
**SpringSim2017, Virginia Beach, VA - USA, April 2017 - [www.scs.org](http://www.scs.org)**

- [Simulation Exploration Experience 2017](http://www.scs.org) (formerly [Smackdown](http://www.scs.org))

**Simultech, Madrid, Spain, July 28-31 2017 - [www.simultech.org](http://www.simultech.org)**

**SummerSim2017, Seattle WA (To be Confirmed), July, 2017 - [www.scs.org](http://www.scs.org)**

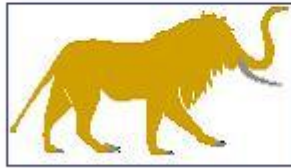
- [The Summer Computer Simulation Conference](http://www.scs.org)
- [International Symposium on Performance Evaluation of Computer and Telecommunication Systems \(SPECTS\)](http://www.scs.org)



# Liophant Figures

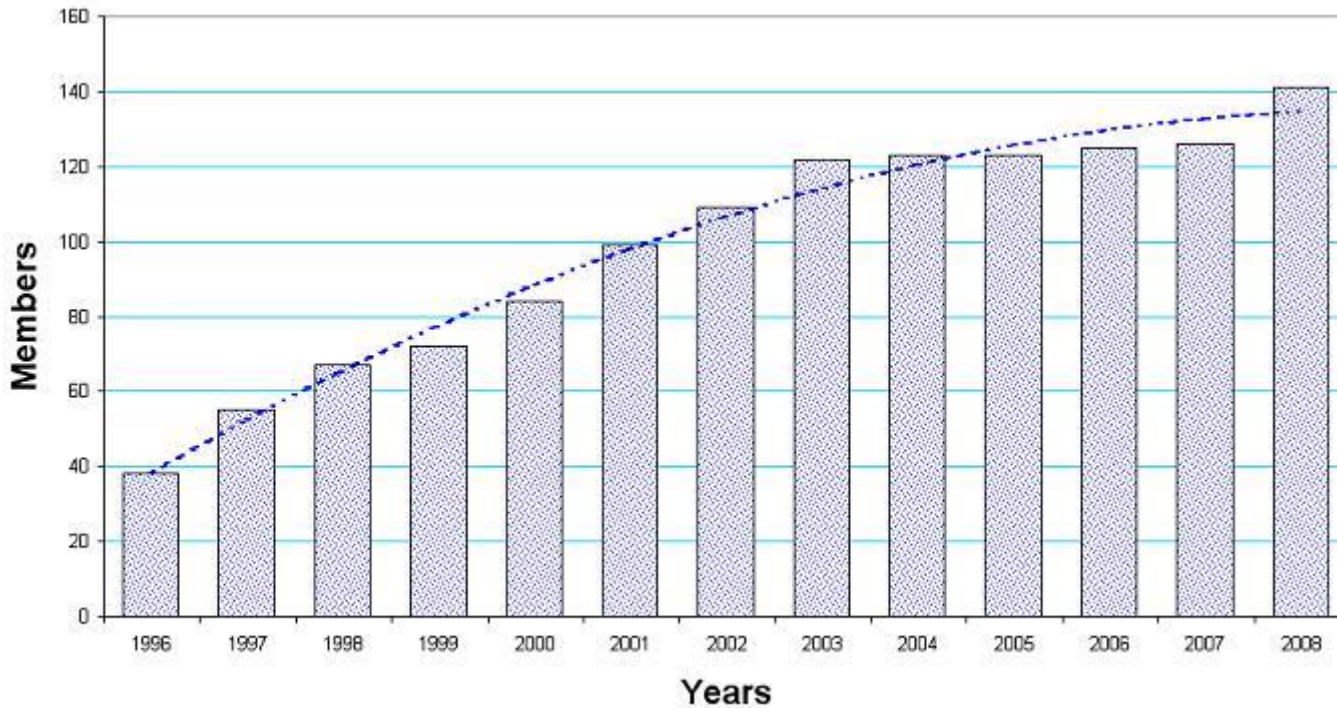
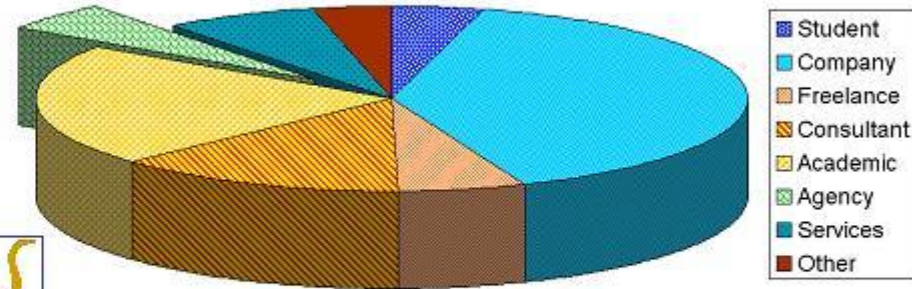
## Services & Associations of the Members:

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



Liophant Members

Member Activities 2008



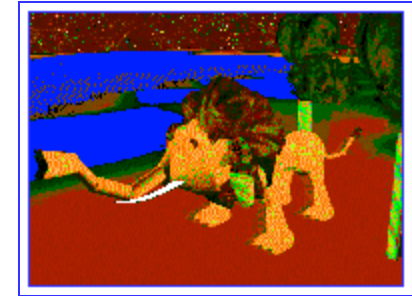
## Example of Member Affiliations:

Dupont,  
Esso  
Mckinsey  
NASA,  
COOP  
Telecom  
& 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**

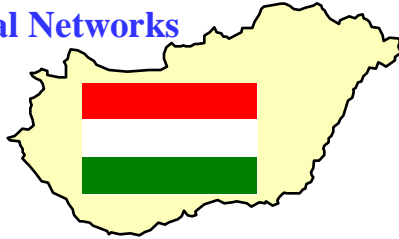
*Organization*  
Full Staff

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*

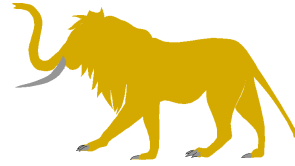
# The International Activity of Liophant

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

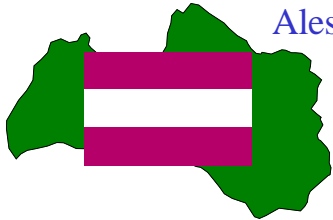
**Environment Applications of  
Neural Networks**

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**

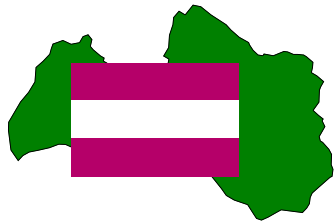
Filippo Paradiso



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*

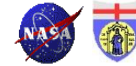
*Student Activity*

# 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, Machester

**Web Based Applications**

Lorenzo Motta



ITEC98, Lausanne, June

Alessio Carbone, Roberto Revetria

*Student Activity*

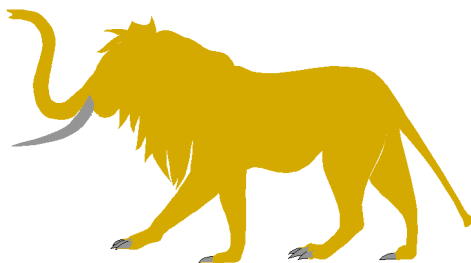
# The International Activity of Liophant

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



Boston, Apr-Jul-Aug

Boston College

Francesca Vio



Washington, April

Pentagon

S.Rapallo



Phoenix, December

Roberto Revetria



Tallahasse, Nov-Dec

M.Mosca, F.Tonnelli



Orlando May / Nov-Dec

NCS & Nasa

S.Rapallo, A.Carbone



Baraquilla, Dec.

Luca Patrone



New Mexico City, Nov.

Luca Patrone

### Workshop HMS99 Genoa - September



### ANIMP99, Ischia Oct.

S.Rapallo

Best Thesis Award



### 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.

# The International Activity of Liophant

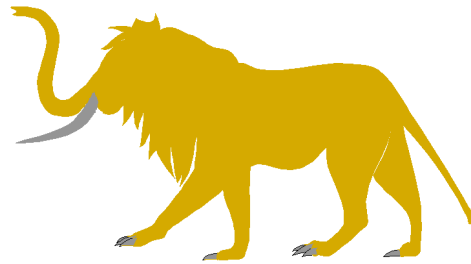
ICAMES2000, Istanbul, May

PUMA & GILA

Simeoni, Fracchia, PozziC.,

Mantero, Vigano`, Diglio

1st Best Projects Award



Montreal, July  
CAE Electronics  
S.Simeoni

CAE

LOCKHEED MARTIN

Montreal, August  
Lockheed  
Simeone Simeoni



Simulation Languages, Jul  
CSUC  
PozziCotto



WMC2000

San Diego, December  
L.Motta



Orlando May / Nov-Dec  
NCS & Nasa  
Enrica Fracchia



Student Activity **2000**

Workshop HMS2000  
Portofino Oct.



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

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





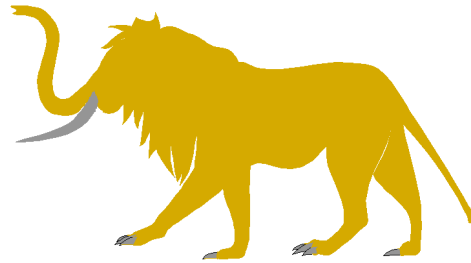
# The International Activity of Liophant

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.

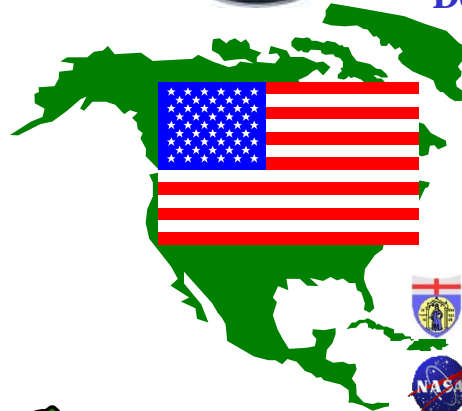
S.Simeoni

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

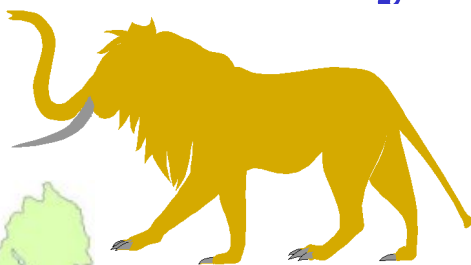
Pozzi Cotto



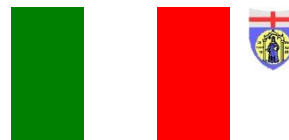
# The International Activity of Liophant

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

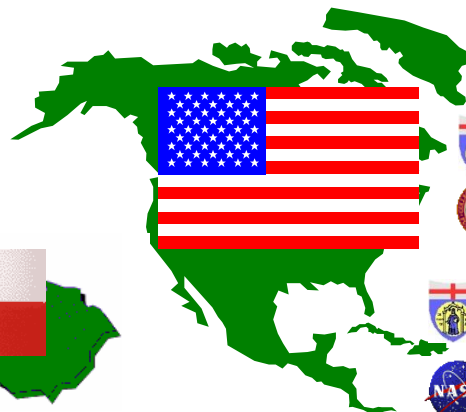
Consorzio Formazione Logistica Intermediale



MIC00/AI00, Innsbruck, Feb

Automation &

Simulation, M.B., C.B., E.B., R.R., S.  
 Viazzo, O. Serindat



Boston, December  
 Boston College  
 R. Revetria

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



W.Bohemia Univ.  
 December  
 S.Pozzi Cotto



Rio De Janeiro, UFRJ  
 December  
 Simeoni,  
 Bruzzone



UFRJ

RTU, LIS  
 Riga, June  
 R.Revetria



Dresden  
 A.Orsoni  
 S.Pozzi Cotto

Liophant Simulation



# The International Activity of Liophant

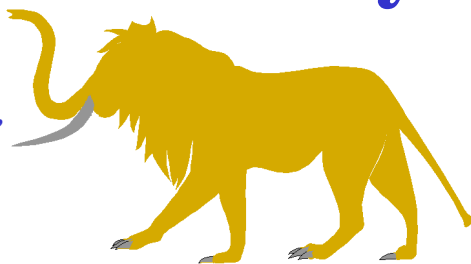
ICAMES2003, Istanbul, May

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.



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

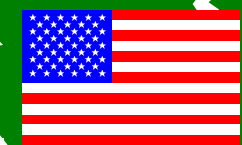
November

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



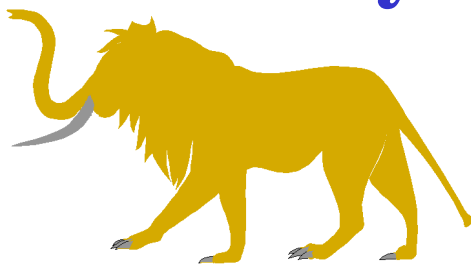
# The International Activity of Liophant

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

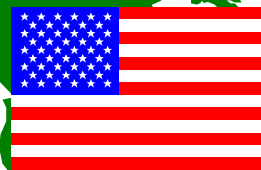
November-December  
S.Simeoni



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



MBA, London  
Business School, G.Oran



HMS2004 LAMCE

Rio De Janeiro

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



UFRJ



SimServ  
Helsinki

June  
M.Massei

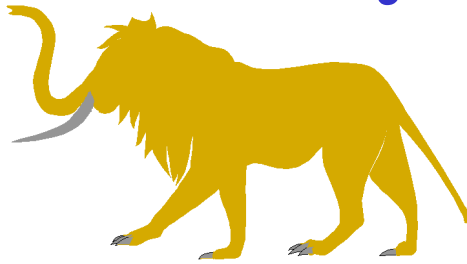


ITEC2004, London  
May, F.Longo



# The International Activity of Liophant

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



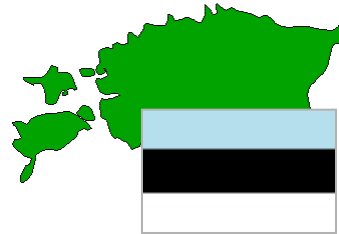
Exchange Activity  
PhD, Master, BS **2005**



Workshop MAS2005  
Bergeggi, Oct.



Universidad Panamericana  
Mexico City  
November



NATO-ARW  
Tallin  
A.Bruzzone

Genoa University  
Savona  
S.Saavedra,  
Rathan Guha



L.Bucchianica, A DiCostanzao, S. Rosa

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

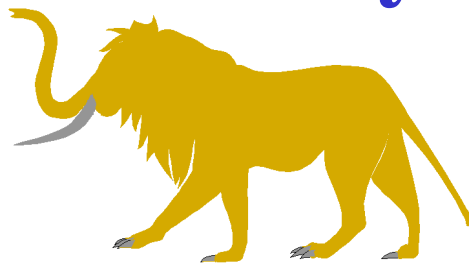
MACACO, PHROSIM

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

G.Desensi,

C.Oderigo,

F.Tralongo



Exchange Activity

PhD, Master, BS

# 2006

Workshop MAS2006

Bergeggi, Oct



EMSS2006

Boon

June S.Poggi



Science Festival

Genoa, Oct.

D.M., L.Pierfederici



AMS2006, Buzios

March F.Longo



RESET/INNOVARE,

Rio, June-August

F.Tralongo

Virtuality2006

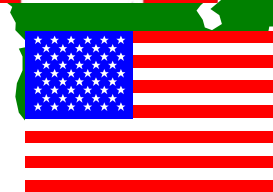
Turin, Nov, L.Pierfederici

D.M.

SCSC2006

Calgary

July F.Longo



Rutgers University,

July-August

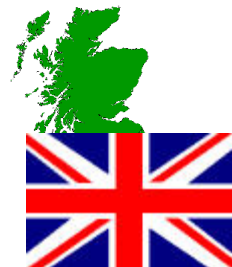
F.Longo

SpringSim

SIW2006

Huntsville

March, K. Scarso



I3M2005

HMS2005

EMSS2005

Marseille

October

C.Oderigo, E.B.



I3M2006

HMS2006

EMSS2006

Barcelona

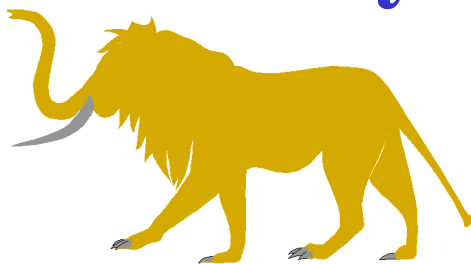
October, E.B., S.Poggi

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

Port Security  
Riga  
D.Grippaldi,  
M.Genova



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



**M.Mazzarese**  
Dartmouth College  
July-August

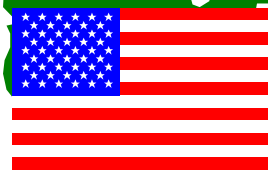
**PIOVRA**  
Rome, February.  
M.Seck

**PIOVRA**  
Paris, November  
L.Baati



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

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



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



**I/TSEC**  
Orlando



L.Pierfederici

**S.Saetta**  
University of Arizona  
July-August

**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, 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  
Magdeburg  
March  
L.Pierfederici



LSCM Leub en, Ottobre  
L.Pierfederici



PIOVRA  
Marseille, June  
L.Baati



S.Saetta  
University of Arizona  
September-January

LITSEC  
Orlando  
December  
A.Tremori



C.Frydman  
Buenos Aires  
February



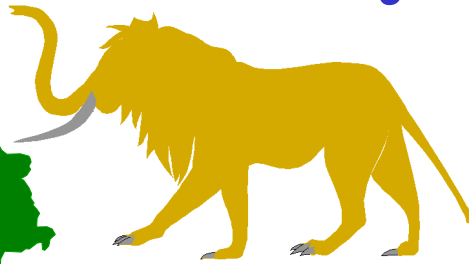


# The International Activity of Liophant

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

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

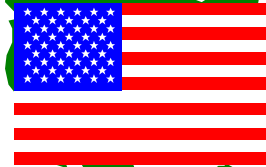


ST\_PT  
Singapore  
May R.Cianci



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

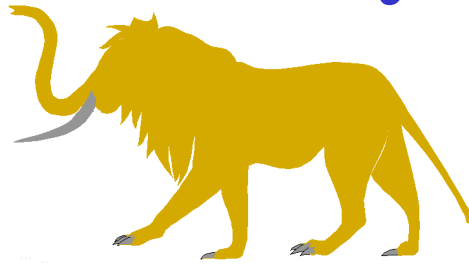


AMS, Bali, May R.Cianci

# 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



NASA  
Orlando, May  
A.Cimino



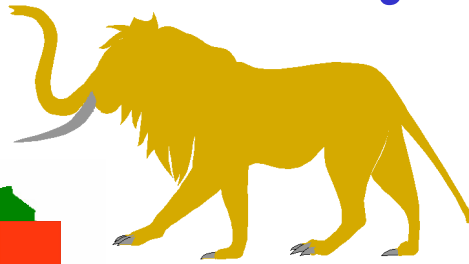
VMASC  
Norfolk  
April  
F.Madeo  
F.Tarone



Clermont-Ferrant  
Paris, August  
A.Claudel

# The International Activity of Liophant

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



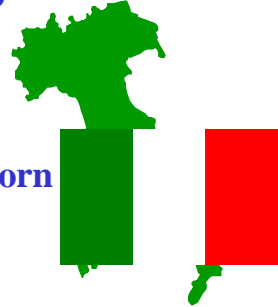
SummerSim  
2011  
The Hague,  
June  
A.Tremori



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

SISO  
Smackdown  
SpringSim  
Boston, April  
F.Tarone

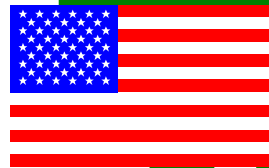
EBR  
Vienna VA,  
February  
D.Maino



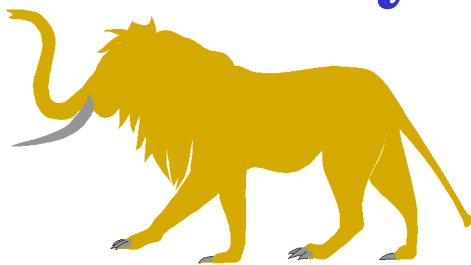
ICAMES2011, Istanbul,  
May  
D.Ferraris



ST\_PT  
Singapore  
May  
M.Massei, L. Bucchianica

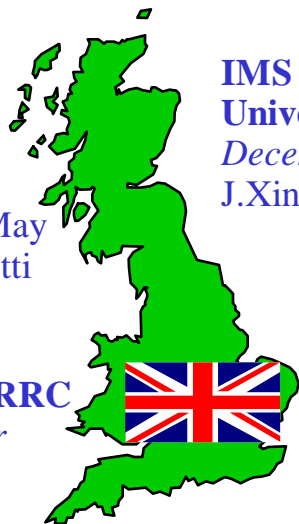


# The International Activity of Liophant

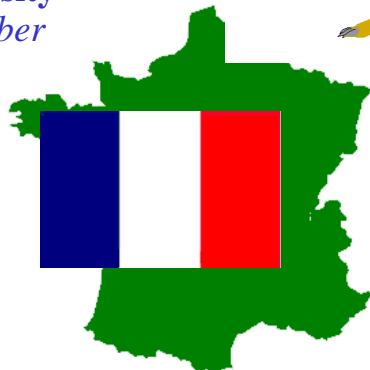


*Exchange Activity*  
*PhD, Master, BS* **2012**

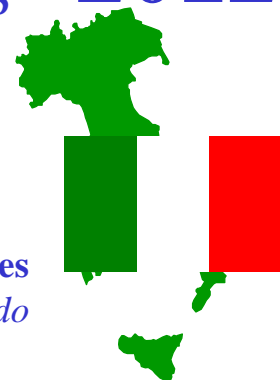
**ITEC**  
**London, May**  
G.Franzinetti



**IMS Bordeaux**  
**University**  
*December*  
J.Xin



**EDA, Capricorn**  
*May*  
F.Madeo



**NATO Courses**  
*Nicoletti, Ferrando*

**NATO ARRC**  
*November*  
F.Madeo



**Loxistica**  
*June-December*  
L. Bucchianica



**NATO CAX Forum**  
**Rome, September**  
G.Franzinetti

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



**Ford Motor Co.**  
**Detroit**  
*March*  
M.Pucciano

**I3M2012**  
**Wien, September**  
Madeo, Nicoletti



**Univ.of Stavanger**  
*May*  
A.Tremori

**NPS, CA**  
*June*  
F.Madeo

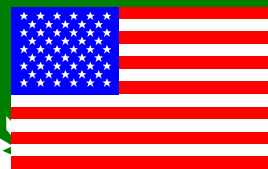


**Dartmouth**  
**College, NH, May**  
**Harvard Medical**  
**School, MA, April**  
F.Madeo



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

**I/ITSEC**  
**Orlando, December**  
*Dallorto, Ferrando*



**NASA**  
**Smackdown**  
**SpringSim**  
**Orlando, April**  
F.Tarone



**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

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

VMASC, 

July-September

A. Casapietra,

M. Corso

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

M. Dallorto

ICAMES

Istanbul, May



ICCRTS

June, Alexandria

M. Turi



Eurosim

Cardiff

September

G. Franzinetti



JWC

May

K. Tsiakolos

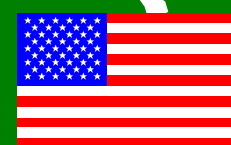


Sprinsim

San Diego, April

M. Dallorto, A. Ferrando,

D. Poggi



WAMS,

Buenos Aires

November

Corso, Casapietra,

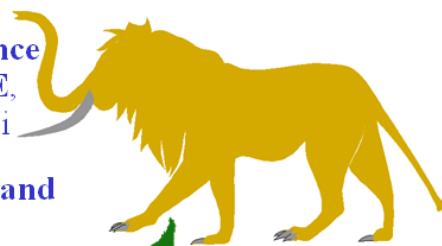
Ferrando, Chiurco,

Spadafora



# The International Activity of Liophant

# 2014



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

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

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

**Simulation Team Lab**  
*P.Motroni, A.Vueling*



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



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

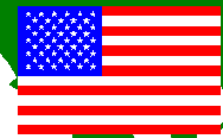
**Sim&Sea**  
*June, M.Corso,*  
*L.Dato, M.Agresta,*  
*C.Bartolucci,*



**NMSG VV&A, Rome**  
*October, M.Corso, G.Murino*  
**NATO Simulation Course**  
*November, E.Picco*



**Summersim, Monterey**  
*July, C.Bartolucci*



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



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



**ITEC**  
**Cologne, May**  
M.Biagini

**IITSEC**  
**Orlando, November**  
*L.Nicoletti, F.Spadafora*



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



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

**Beihang  
University  
(BUAA)**

**Beijing, July**  
*D.Scalzo,*  
*C.Martini*



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

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



Liophant Simulation

# The International Activity of Liophant

2015



*Exchange Activity*

*PhD, Master, BS*  
I3M, Bergeggi, Sept.  
Di Matteo, Maglione,  
Franzinetti, Mmurino

STO CMRE, SP



*July-December*

Di Matteo, Carrera, Piccinini  
SIMCJOH  
*Rome, June*  
Di Matteo, Maglione,  
Poggio, Bertolucci



NATO CAX Forum, Vicenza,  
*October, Maglione, Murino*

NATO VV&A, Rome  
*November, Maglione*

Counter  
Terror Expo  
London, May  
Franzinetti



Défense, Paris  
*December*  
Murino



CWIX JFTC  
*Bydgoszcz, May*  
Oddone



NATO STO, Paris  
*July, Maglione*

SCSC, Chicago  
*July, Di Matteo*

Beihang University, Beijing  
Padovano

NMSG, Munich,  
*October*  
Oddone



Loxistica  
Singapore  
*January-December*  
L. Bucchianica

IITSEC  
Orlando, *December*  
Di Matteo, Maglione, Been

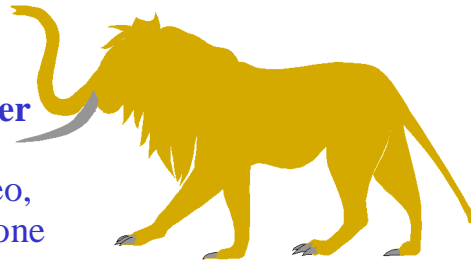


Rutgers Univ.  
Padovano

ICAMES, Istanbul, *May*  
Di Matteo, Maglione, Molinari, Vetrano



# The International Activity of Liophant



*Exchange Activity*  
*PhD, Master, BS*  
**Simulation Team**

**2016**

**Genoa Labs**

*K. Sinelshchikov*

**WAMS, Cagliari, October**  
*R.Di Matteo, G.L.Maglione,*

**China-Italy Campione d.I.**  
*Dec., R.Di Matteo*

**NATO NMSG**  
*Catania, April, P.Di Bella*



**CAX**  
**Forum, Ottobrunn**  
**September**

*R.Di Matteo, G.Murino* **I3M,**  
**Larnaca, Sept.**  
*R.Di Matteo, G.L.Maglione*

**DCICTS**  
*November, Washington D.C.* **ICAMES**  
*G.L.Maglione* **Istanbul, May**

*R.Di Matteo, A.Molinari, A.Meini*  
*F.Alessandria*



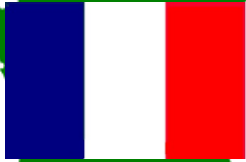
**IITSEC**  
*December, Orlando*  
*G.L.Maglione*



Liophant Simulation



**PW**  
**Fos sur Mer**  
*November*  
*R.Di Matteo,*  
*G.L.Maglione*



*AsiaSim,*  
*Autumn Sim*  
**Beijin, October**  
*M.S.Dovì*



**Loxistica**  
*January-December*  
*L. Bucchianica*

**NATO NMSG BM**  
**Bucarest October**

*R.Di Matteo*

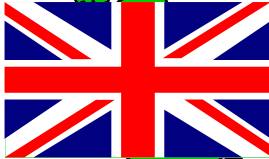
**China-Italy Campione d.I.**  
*Dec., R.Di Matteo*



**NMSG, July, Alexandria**  
*G.L.Maglione*  
*P.DiBella*



**Counter Terror**  
**London**  
*May*  
*G.Franzinetti*



**CAX**  
**Forum, Ottobrunn**  
**September**

*R.Di Matteo, G.Murino* **I3M,**  
**Larnaca, Sept.**  
*R.Di Matteo, G.L.Maglione*

**DCICTS**  
*November, Washington D.C.* **ICAMES**  
*G.L.Maglione* **Istanbul, May**

*R.Di Matteo, A.Molinari, A.Meini*  
*F.Alessandria*

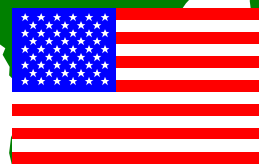
**IITSEC**  
*December, Orlando*  
*G.L.Maglione*



Liophant Simulation



**Sprinsim**  
**Pasadena, April**  
*R.Di Matteo,*  
*G.L.Maglione*



**JWC**  
*May*  
*D.Bella*



### Member Societies

At present EUROSIM has 16 full members and 2 observer members.

#### Full Members

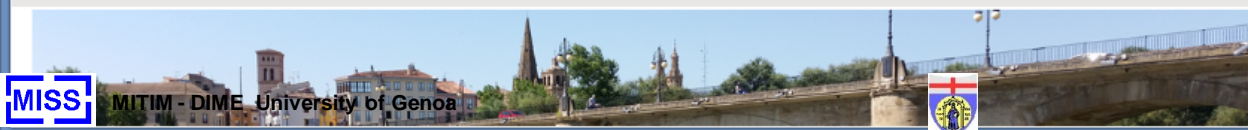
- **ASIM** - Arbeitsgemeinschaft Simulation (Austria, Germany, Switzerland)
- **CEA SMSG** - Spanish Modelling and Simulation Group
- **CROSSIM** - Croatian Society for Simulation Modelling
- **CSSS** - Czech and Slovak Simulation Society
- **DBSS** - Dutch Benelux Simulation Society (Belgium, The Netherlands)
- **FRANCOSIM** - Société Francophone de Simulation (Belgium, France)
- **HSS** - Hungarian Simulation Society
- **ISCS** - Italian Society for Computer Simulation
- **KA-SIM** - Kosova Society for Modelling and Simulation
- **LIOPHANT SIMULATION** - International Modelling and Simulation Group (Italy)
- **LSS** - Latvian Society for Simulation
- **NSSM** - National Society for Simulation Modelling in Russia
- **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)

#### Observer Members

- **MIMOS** - Italian Modelling and Simulation Association
- **ROMSIM** - Romanian Society for Modelling and Simulation



## Liophant Simulation is a Full Member Society in Eurosim



# Liophant Free Pictures



|  |                      |  |                      |
|--|----------------------|--|----------------------|
|  | <a href="#">2016</a> |  | <a href="#">2015</a> |
|  | <a href="#">2014</a> |  | <a href="#">2013</a> |
|  | <a href="#">2012</a> |  | <a href="#">2011</a> |
|  | <a href="#">2010</a> |  | <a href="#">2009</a> |
|  | <a href="#">2008</a> |  | <a href="#">2007</a> |



[Back to Liophant Pictures](#)

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

# 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.

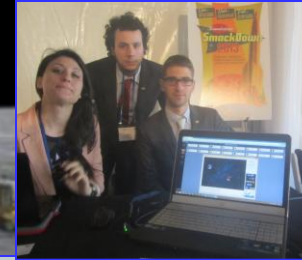
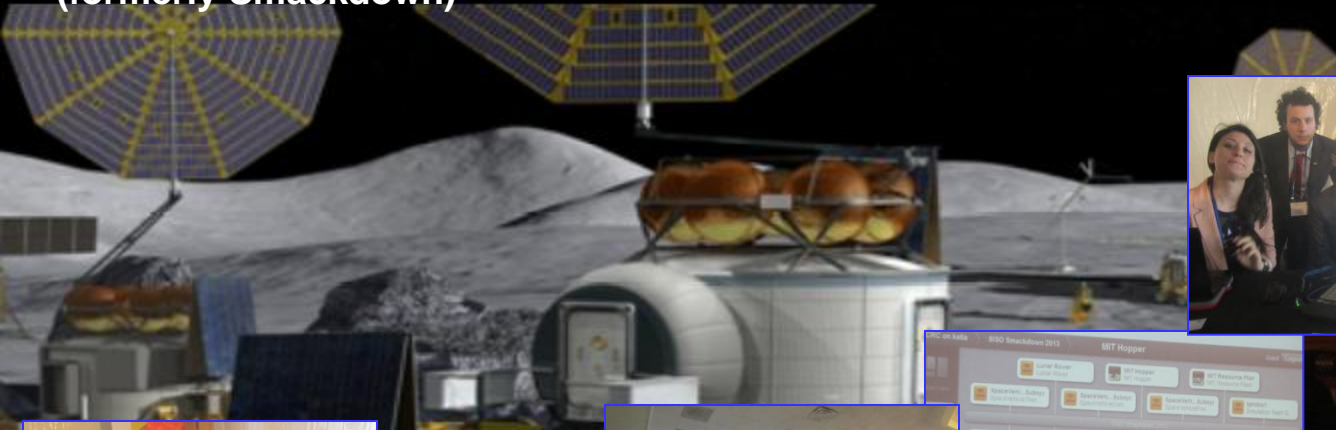
- [Activities](#)
- [Conferences](#)
- [Members](#)
- [Registration](#)
- [Miscellanies](#) NEW
- [Report](#) NEW
- [Library](#) NEW
- [Liophant Code of Ethics](#) NEW

News:  
NEW [Seasons Greetings](#)

Liophant was established as Chapter of the [Society for Computer Simulation International](#) and is a full member in [Eurosim](#)




# 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 |





From The President of ENSO

From Our Participants

About ICAMES

About ENSO

Apply to ICAMES

From The Dean of Faculty

Recently ICAMES

Contact Us



You are here: Ana Sayfa / Apply to ICAMES

Ara

## Apply to ICAMES



ICAMES 2017 (21-25 July 2017)

ICAMES (International Cultural and Academic Meeting of Engineering Students) which is held annually by the Engineering Society of Bogazici University in Turkey is getting started for the 23rd time.

This is a world-wide engineering project competition. The only prerequisite for a project to participate is that it should deal with engineering techniques and of course must be prepared by undergraduate students.

All the expenses of the participants are covered by the Organization Committee of ICAMES 2017 including food, accommodation, entertainment etc. except the travel expenses.

As it is said on the above, this year is 23rd year of ICAMES. Owing to this, we, as the organization committee, have decided to touch on a popular and essential subject of era: **sustainability**. In this year, in addition to 3<sup>rd</sup>, 2<sup>nd</sup> and 1<sup>st</sup> prize of ICAMES Project Contest, there will also be a **Sustainability Special Award**. If you will participate with a project, that concerns about **sustainability**, you will also become a candidate for this prize. **It is not necessary that your project has to be about sustainability completely; however we really appreciate if you establish a connection between your project and the sustainability. Candidate projects which include such a connection will be more likely to be elected as a participant.**

The participating projects will be evaluated with the criteria:

1. Quality of Work
2. Quality of Demonstration
3. Quality of Presentation
4. Originality



Application for ICAMES 2017:

To participate ICAMES , you should download application form from the website of ICAMES and after filling it you should send the form to [icames2017@gmail.com](mailto:icames2017@gmail.com) .(Your project description must be minimum half page and maximum one page)

Application form: <http://www.icames.boun.edu.tr/app.rtf>

### Deadlines

Handing in Project Proposals and Application Forms **June 26th, 2017**

Notification of Acceptance **July 1st, 2017**

Final Program Announcement **July 7th, 2017**

# Liophant Simulation Libraries



| ID | TITLE   | Editor                                       | Keywords                  |
|----|---|--|---------------------------|
| 1  | Systems Magazine<br>Future Generation Computer<br>Systems | IEEE Aerospace & Electronic<br>North-Holland | Data Processing<br>IT     |
| 2  | Automazione   | Jackson                                      | Industrial<br>Engineering |
| 3  | Rivista di Meccanica Oggi                                 | Jackson                                      | Industrial<br>Engineering |
| 4  | Simulation News Europe                                    | Eurosim                                      | Simulation                |
| 5  | Jane's Defence Weekly                                     | Jane's                                       | Military<br>Industrial    |
| 6  | Impiantistica Italiana                                    | ANIMP<br>Society for Computer                | Engineering               |
| 7  | Simulation<br>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 Quadro 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 columnists). 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.



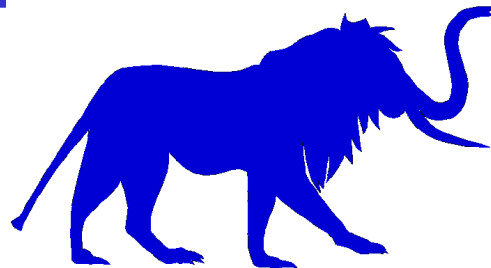
# Liophanters

## Liophant Simulation Members

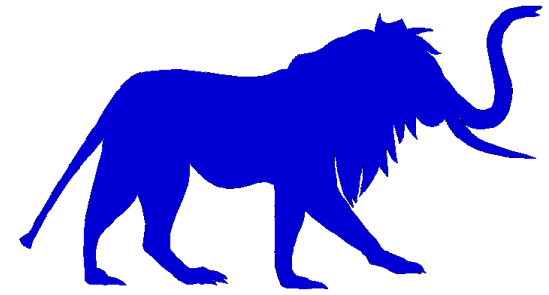
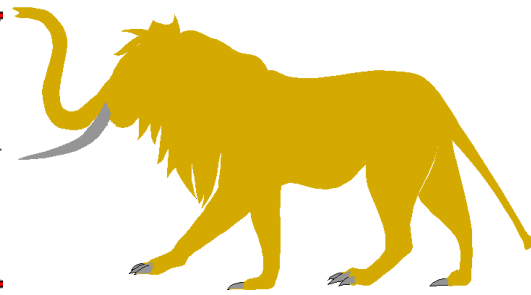
- [G. Berrino](#)
- [E. Bocca](#)
- [A. Bruzzone](#)
- [L. Capelli](#)
- [G. Capra](#)
- [Cesiva \(formerly Scuola di Guerra\)](#)
- [L. Comuzio](#)
- [S. Costa](#)
- [G.G. Cunha](#)
- [A. Devoti](#)
- [P. Elfrey](#)
- [L. Fioravanti](#)
- [C. Frydman](#)
- [G. Garassino](#)
- [A. Garro](#)
- [G. Gestro](#)
- [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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*Director:* **E.Bocca**

*Secretary:* **A.Devoti**

*Treasurer:* **M.Massei**

*Web Manager:*

*Board of Accounters:*

**F.Longo**

**G.Gestro**

**F.Madeo**