

# *M&S Net*

**M&SNet**

# *Modelling & Simulation Network*

*M&S Net*

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[www.liophant.org/ms\\_net](http://www.liophant.org/ms_net)



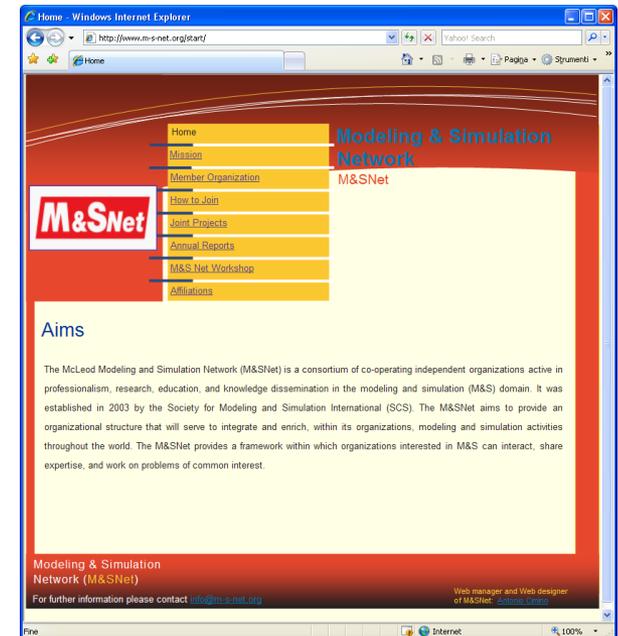
# M&SNet Initiative



[www.liophant.org/ms\\_net](http://www.liophant.org/ms_net)

The M&SNet is a consortium of co-operating independent organizations active in professionalism, research, education, and knowledge dissemination in the modeling and simulation (M&S) domain established in 2003. The M&SNet aims to provide an organizational structure that will serve to integrate and enrich, within its organizations, modeling and simulation activities throughout the world. The M&SNet provides a framework within which organizations interested in M&S can interact, share expertise, and work on problems of common interest. The mission of the M&SNet is to foster:

- Professionalism in modeling and simulation,
- Advancing the art and science of M&S,
- Applying M&S in all domains where it is applicable, and
- Disseminating M&S-related knowledge.



# M&SNet Institutions

[www.liophant.org/ms\\_net](http://www.liophant.org/ms_net)

- MISS (McLeod Institute of Simulation Science)
- ACIMS (Arizona Center for Integrative Modeling and Simulation)
- MISS-DIPTEM Genoa
- MISS Ottawa Center
- MISS BUAA Center Beijing
- MSC-LES, Unical, Italy
- LSIS Center
- AMSL (The Auburn Modeling and Simulation Laboratory)
- KAIST (Korea Advanced Institute of Science and Technology)
- IST - Institute for Simulation & Training - UCF
- BioSystems Group (UCSF - University of California San Francisco)
- MSDS Spain
- VMASC
- Versim France



# McLeod Institute of Simulation Science

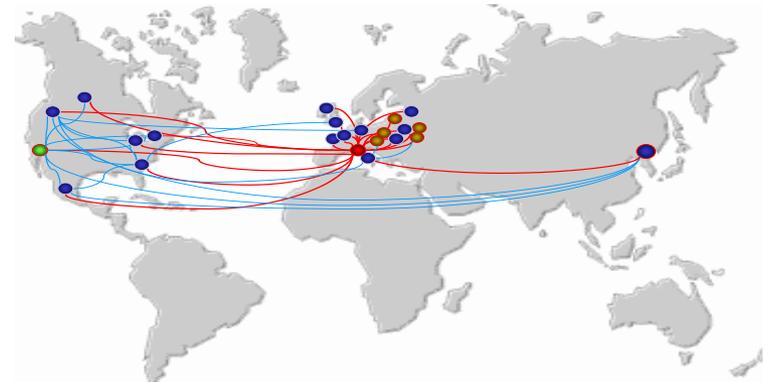
[www.simulation-science.org](http://www.simulation-science.org)

The Institute of Simulation Science is an International Network named after John McLeod, the founder of the Society for Computer Simulation International and the first editor of its journal, "Simulation"

The MISS consists of co-operating Centers active in professionalism, research, education and knowledge dissemination in the modeling and simulation domain.

Modeling and simulation (M&S) is an enabling technology for:

- Decision making in system design, development, optimization, control, and acquisition, as well as for sensitivity analysis, planning, and prototyping
- Understanding
- Education and training to enhance decision making and/or motor skills
- Entertainment
- Supporting real system operations
- Enriching real system operations



The MISS aims to provide an organizational structure that will serve to integrate and enrich, within its Centers, the activities of modeling and simulation expertise throughout the world.

*Prof. Andras Javor, World Director of MISS*

# M&SNet Research

www.liophant.org/ms\_net



McLeod Institute of Simulation Sciences - R&D Projects - Microsoft Internet Explorer

http://www.simulationscience.org/projects.html

## McLeod Institute of Simulation Sciences



### R&D Projects

Subject	Type	Description	Refer
Artificial Intelligence	Project	Knowledge Management System Requirement Definition Study - U.S. Joint Forces Command, Joint Warfighting Experimentation Battle Laboratory	VM Cent
Artificial Intelligence	Project	Intelligent Synthesis Environment - NASA, Langley Research Center	VM Cent
Artificial Intelligence	Topic	AI - Cognition / Perception of Human Behavior	Chm BUA
Artificial Intelligence	Topic	AI - Motion simulation of human-beings	Chm BUA
Artificial Intelligence	Topic	AI - Personated intelligent control	Chm BUA
Artificial Intelligence	Topic	AI - Virtual humans	Chm BUA
Artificial Intelligence	Topic	AI in simulation based on intelligent demons and Knowledge Attributed Petri Nets (KAPN), CASSANDRA simulation system	Hun Cent
Artificial Intelligence	Topic	Artificial intelligent and simulation	Chm BUA
Artificial Intelligence	Topic	Simulation of human behavior	Ottav

Joint Projects - Windows Internet Explorer

http://www.m-s-net.org/start/index\_file/JointProjects.htm

Modeling & Simulation Network  
M&SNet

- Home
- Mission
- Member Organization
- How to Join
- Joint Projects
- Annual Reports
- M&S Net Workshop
- Affiliations

### Joint Projects

Some Joint Projects carried out under MSNet umbrella:

- Modeling and Simulation Body of Knowledge ([M&SBOK](#))
- Ethics for Simulationists ([SimEthics](#))
- Modeling and Simulation Dictionary Project ([SimDic](#))
- A Systematic Inventory of over 8000 M&S Terms and Concepts ([SimTerminology](#))

Modeling & Simulation Network (M&SNet)

For further information please contact [info@m-s-net.org](mailto:info@m-s-net.org)

Web manager and Web designer of M&SNet: [Antonio Chiofalo](#)

**Research & Development**

- Member Orga
- How to
- Joint Pr
- Annual R
- M&SNet W
- Affiliati

# M&SNet Workshops

www.liophant.org/ms\_net



MSNet Workshops

www.m-s-net.org/index\_file/MSNetWorkshops.htm

- Home
- Mission
- Member Organization
- How to Join
- Joint Projects
- Conferences
- M&SNet Workshop
- Affiliations

**Modeling & Simulation Network**

M&SNet

**M&SNet Workshop**

Meetings to explore the power of synergy offered by the M&SNet

**Upcoming Workshops**

- 2012-09-19-21, Vienna, Austria—M&SNet-MISS R&D Workshop

**Past Workshops**

- 2003-12-05, Tucson, AZ, Presentations
- 2004-07-25, San Jose, CA, Suggestions/Recommendations
- 2006-07-30, Calgary, Alberta, Canada
- 2007-07-15, San Diego, CA
- 2008-06-16, Edinburgh, Scotland - M&SNet-MISS Joint Directors Workshop
- 2008-09-17-19, Briatico, Calabria, Italy - M&SNet Research Workshop
- 2009-07-15, Istanbul, Turkey - M&SNet-MISS Joint Directors Workshop
- 2009-09-23-25, Tenerife, Spain - M&SNet-MISS R&D Workshops
- 2010-07-11-15, Ottawa, Canada- M&SNet-MISS Joint Directors Workshop
- 2010-10-23-25, Fes, Morocco - M&SNet Research Workshop
- 2011-06-26-29, The Hague, NL - M&SNet-MISS Joint Directors Workshop
- 2011-09-12-14, Rome, Italy - M&SNet-MISS R&D Workshops

**SCS THE SOCIETY FOR MODELING & SIMULATION INTERNATIONAL**

**2016 Summer Simulation Multi-Conference**

BACK TO CONFERENCES

July 24-27, 2016 | Palais des congrès de Montréal (Montreal Convention Center) | Hon

*"Scalability, Interoperability and Interdisciplinary in the Simulation Age"*

**IWISH2016, Cyprus, September 26-28, 2016 - www.liophant.org/conferences/2016/iwish**

The 4th International Workshop on Innovative Simulation for Health Care

**SESD2016, Cyprus, September 26-28, 2016 - www.liophant.org/conferences/2016/ensed**

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

**FoodOPS2016, Cyprus, September 26-28, 2016 - www.liophant.org/conferences/2016/foodops**

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

**I3M2016, Cyprus, September 26-28, 2016 - www.liophant.org/i3m**

The XIII International Multidisciplinary Modelling & Simulation Multiconference

**EMSS2016, Cyprus, September 26-28, 2016 - www.liophant.org/i3m/emss2**

28th European Simulation Symposium and Exhibition - Simulation in Industry

**HMS2016, Cyprus, September 26-28, 2016 - www.liophant.org/hms**

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

**MAS2016, Cyprus, September 26-28, 2016 - www.liophant.org/mas**

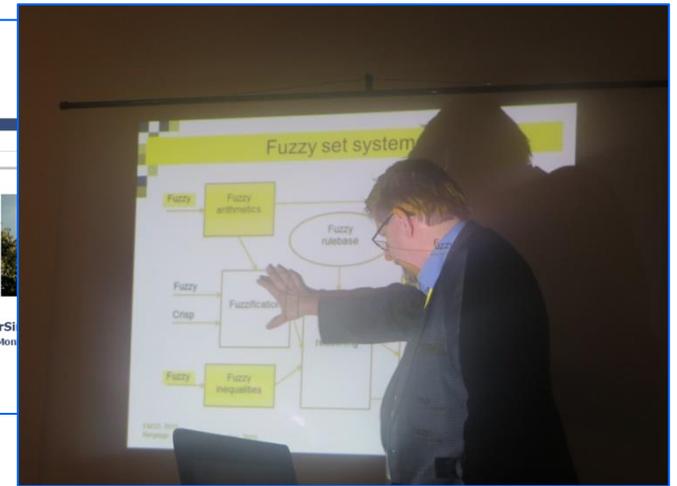
The 15th International Conference in Modeling & Applied Simulation

**IMAACA2016, Cyprus 26-28, September 26-28, 2016 - www.liophant.org/conferences/2016/imaaca**

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

**DHSS2016, Cyprus, September 26-28, 2016 - www.liophant.org/conferences/2016/dhss**

The 5th International Defense and Homeland Security Simulation Workshop



# Workshops & Conferences

# M&SNet Web & SN

www.liophant.org/ms\_net



# Web & Social Networks

International Mediterranean and L.A. Multiconference, I3M (3) - Windows Internet Explorer

facebook

International Mediterranean and L.A. Multiconference

Product/Service

Wall

Share: Post Photo Link Video

Write something...

International Mediterranean and L.A. Multiconference

We have received more than 350 submissions for I3M 2011 forward for a very successful multiconference!!!

May 21 at 6:37pm · Like · Comment · Share

International Mediterranean and L.A. Multiconference

new photos to the album I3M 2008.

I3M 2008

November 8, 2010 at 6:52pm · Like · Comment

RECENT ACTIVITY

International Mediterranean and L.A. Multiconference Website, Company Overview and Mission.



Genoa PortCenter (3) - Windows Internet Explorer

facebook

Genoa PortCenter

Born on January 3, 2013

Share: Post Photo Link Video

Write something...

You and Genoa

10 Mutual Friends

Sponsored

Expand the full activity

Expand la tua attività promozionale su Facebook. Clicca sui suggerimenti per scoprire come raggiungere i tuoi amici con un bersare sociale.

Genoa PortCenter added 100 new photos to the album Simulation\_Team\_2010-09-15-18-39

Simulation\_Team\_2010-09-15-18-39

September 20, 2010 at 11:41am · Like · Comment · Share

Genoa PortCenter added 100 new photos to the album Simulation\_Team\_2010-09-17-18-39

Simulation\_Team\_2010-09-17-18-39

September 20, 2010 at 11:41am · Like · Comment · Share

Genoa PortCenter added 100 new photos to the album Simulation\_Team\_2010-09-18-18-39

Simulation\_Team\_2010-09-18-18-39

MIMOS

ITEC

22 agosto 2014 alle ore 12:04

The new ITEC video is now ready: <https://www.facebook.com/photo.php?v=1451397695134889&i=4195227649461045613>

Piace a 1 persona

Mi piace Commenta

Interservice / Industry Training, Simulation and Education Conference

9 ottobre 2013 alle ore 15:39

WE NEED YOU! Check out the new special International event, Doing B... Altro...

Piace a 1 persona 1 commento

Mi piace Commenta

MIMOS

19 maggio

https://t.co/DXFlqjQUG

MIMOS (@MIMOS\_Italia) posted a photo on Twitter

Get the whole picture - and other photos from MIMOS

PIC.TWITTER.COM/DXFLQJQUG | DI MIMOS

Mi piace Commenta Condividi

3

Scrivi un commento...

on 17 May at @ITEC2016 @MIMOS\_Italia and @etsa\_eu signed a cooperation agreement by the two Chairmen Paolo Proietti and Graham McIntyre

# M&SNet Education

www.liophant.org/ms\_net



McLeod Institute of Simulation Sciences - Education - Microsoft Internet Explorer

Indietro - Cerca - Preferiti - Multimedia

http://www.simulationscience.org/education.html

## McLeod Institute of Simulation Sciences

### Education

#### M&S Courses

Title	Type	Reference
Advanced Simulation Technology	University Course	<a href="#">Chinese BUAA Center</a>
Distributed Interacted Simulation	University Course	<a href="#">Chinese BUAA Center</a>
Flight Real Time Simulation System and Technology	University Course	<a href="#">Chinese BUAA Center</a>
Fundamentals of Computer Animation	University Course	<a href="#">Calgary Center</a>
Games Programming	University Course	<a href="#">Calgary Center</a>
High Level Architecture - SIREN	Professional Course	<a href="#">Genoa Center</a>
Industrial Plants - Continuous Simulation	University Course	<a href="#">Genoa Center</a>
Introduction to distributed systems	University Course	<a href="#">Calgary Center</a>
Introduction to Modeling and Simulation	University Course	<a href="#">Latnan Center</a>

MSNet Annual Reports - Windows Internet Explorer

http://www.m-s-net.org/start/index\_file/MSNetAnnualReports.htm

MSNet Annual Reports

Home  
Mission  
Member Organization  
How to Join  
Joint Projects  
Annual Reports  
M&S Net Workshop  
Affiliations

## Modeling & Simulation Network

M&SNet

### Annual Reports

	Member Organization	presentation	2004	2009
Director's report			<a href="#">report</a>	
International	MISS			<a href="#">report</a>
Canada	MISS-Ottawa Center		<a href="#">report</a>	
China	MISS-BUAA Center			<a href="#">report</a>
France	MISS-ISIS Center	<a href="#">presentation</a>	<a href="#">report</a>	
France	VERSim	<a href="#">presentation</a>		
Italy	MISS-Genoa Center	<a href="#">presentation</a>	<a href="#">report</a>	<a href="#">report</a>
Italy	MSC-LES	<a href="#">presentation</a>		<a href="#">report</a>
Korea	SMS			
Spain	MSDS			
USA	ACIMS		<a href="#">report</a>	
USA	AMSL		<a href="#">report</a>	
USA	BioSystemsGroup			<a href="#">report</a>
USA	IST		<a href="#">report</a>	
USA	VMASC	<a href="#">presentation</a>		<a href="#">report</a>

# Education & Networking

Member Organizations

How to Join

Joint Projects

Annual Reports

M&SNet Workshop

Affiliations

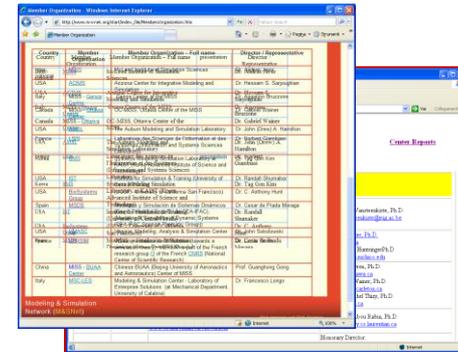
- 2004-07-25, San Jose, CA, [Suggestions/Recommendations](#)
- 2006-07-30, Calgary, Alberta, Canada
- 2007-07-15, San Diego, CA
- [2008-06-16](#), Edinburgh, Scotland - M&SNet-MISS Joint Directors Workshop
- [2008-09-17-19](#), Briatico, Calabria, Italy - M&SNet Research Workshop
- [2009-07-15](#), Istanbul, Turkey - M&SNet-MISS Joint Directors Workshop

# M&SNet Partners

[www.liophant.org/ms\\_net](http://www.liophant.org/ms_net)

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- LSIS Center
- AMSL (The Auburn Modeling and Simulation Laboratory)
- KAIST (Korea Advanced Institute of Science and Technology)
- IST - Institute for Simulation & Training - UCF
- BioSystems Group (UCSF - University of California San Francisco)
- MSDS Spain
- VMASC
- Versim France



**Centers**

# M&SNet Repository

www.liophant.org/ms\_net



The collage shows several overlapping browser windows from the M&SNet website. One window displays a navigation menu with items like Home, Mission, Member Organization, How to Join, Joint Projects, Annual Reports, M&SNet Workshop, and Affiliations. Another window shows a list of annual reports from 2002 to 2009. A third window displays a table of member organizations and their associated reports.

# Reports & Documents

	Member Organization	presentation	MMIV	MMIX
Director's report			<a href="#">report</a>	
International	<a href="#">MISS</a>		<a href="#">report</a>	<a href="#">report</a>
Canada	<a href="#">MISS-Ottawa Center</a>		<a href="#">report</a>	
China	<a href="#">MISS-BUAA Center</a>			<a href="#">report</a>
France	<a href="#">MISS-ISIS Center</a>	<a href="#">presentation</a>	<a href="#">report</a>	
France	<a href="#">VERSIM</a>	<a href="#">presentation</a>		
Italy	<a href="#">MISS-Genoa Center</a>	<a href="#">presentation</a>	<a href="#">report</a>	<a href="#">report</a>
Italy	<a href="#">MSC-LES</a>	<a href="#">presentation</a>		<a href="#">report</a>
Korea	<a href="#">SMS</a>			
Spain	<a href="#">MSDS</a>			
USA	<a href="#">ACIMS</a>		<a href="#">report</a>	
USA	<a href="#">AMSIL</a>		<a href="#">report</a>	
USA	<a href="#">BioSystemsGroup</a>			<a href="#">report</a>
USA	<a href="#">IST</a>		<a href="#">report</a>	
USA	<a href="#">VMASC</a>	<a href="#">presentation</a>		<a href="#">report</a>

Information of China society of MISS - Microsoft Internet Explorer

2002-2003 Annual Report of BUAA CENTER MISS

Honorary Directors: Professor Chaoqun Wan  
 Director: Professor Bo Hu Li  
 Co-Vice-Director: Professor Jangren Wang  
 Co-Vice-Director: Associate Professor Guanghong Gong

1. Address and Phone Fax:  
 Beijing University of Aeronautics and Astronautics Center  
 Beijing University of Aeronautics and Astronautics,  
 37 XueYuan Road Haidian District,  
 Beijing, P.R. China

BUAA Center of MISS (0086-010-82317320 (Phone), 82320  
 Chinese Association of System Simulation: 0086-010- 823

2. Email:  
[bohu@miss.buaa.edu.cn](mailto:bohu@miss.buaa.edu.cn)  
[WangJangren@miss.buaa.edu.cn](mailto:WangJangren@miss.buaa.edu.cn)  
[gong@miss.buaa.edu.cn](mailto:gong@miss.buaa.edu.cn)

3. The number of membership and present managemental members of BUAA CENTER-MISS  
 The number of membership of the BUAA CENTER/MISS is 120.  
 The present management committee members of the BUAA CENTER/MISS are: Bo Hu Li, Jangren Wang, Guanghong Gong, Zongzi Chen, Minglan Zhang, Xiaoyan Peng and Guangshang Shen.

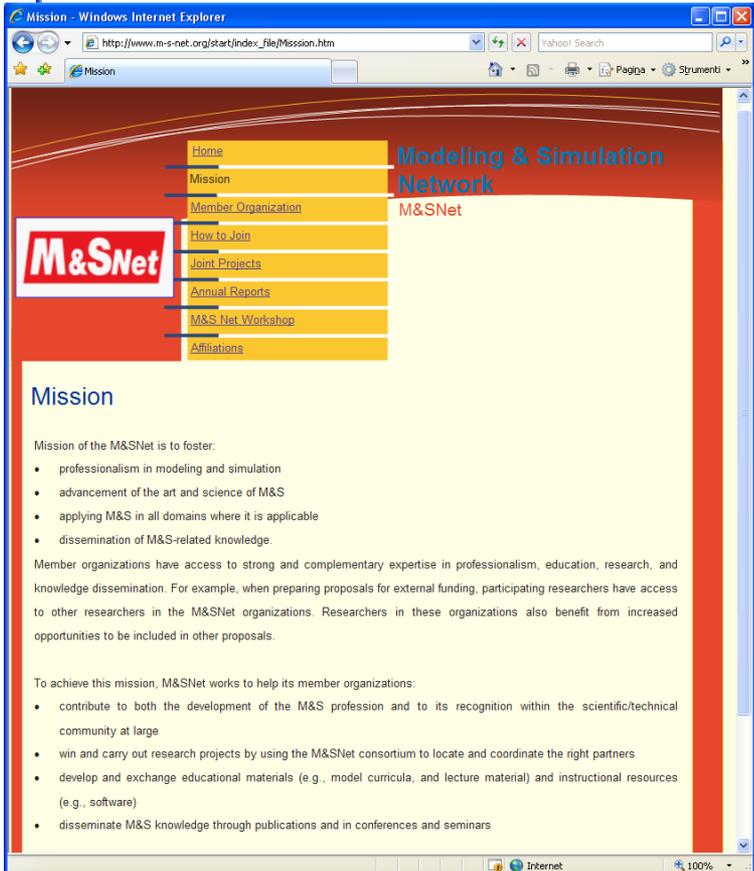
4. Recent Academic programme

# M&SNet Networking

[www.biophanion.com/msnet](http://www.biophanion.com/msnet)



# Hyperlinks



**McLeod Institute of Simulation Sciences** 

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**Conferences & Events**

[Upcoming Event & Past Conferences](#)

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**Upcoming Events**

**2011**

- [International Training Equipment Conference - ITEC - Cologne, Germany- May](#)
- [Summer Computer Simulation Conference - SCSC - The Hague, NL - June](#)
- [International Mediterranean Modelling MultiConference - ISM - Rome, Italy - September](#)
- [European Modeling & Simulation Symposium - EMSS - Italy - September](#)
- [Modeling & Applied Simulation - MAS Italy - September](#)
- [Harbour, Maritime & Multimodal Logistics Modelling and Simulation - HMS - Italy - September](#)
- [Defense & Homeland Security Simulation - DHSS Italy - September](#)



# M&SNet Planning

[www.biophanion.com/msnet](http://www.biophanion.com/msnet)

# M&SNet



## • Open Issues

### • New Infrastructures

- Web, LinkedIn

### • New Conferences & Workshops

- SESDE

### • Networking

- M&S Net

- MISS

## • Simulation References

- Simulation Handbook

- Simulation Terminology

2018 Conferences

- IMM 2018 - Budapest, Hungary, September 19-21, 2018 - [www.liophant.org/imm](http://www.liophant.org/imm)
- EMSS 2018 - Budapest, Hungary, September 19-21, 2018 - [www.liophant.org/emss2018](http://www.liophant.org/emss2018)
- HMS 2018 - Budapest, Hungary, September 19-21, 2018 - [www.liophant.org/hms2018](http://www.liophant.org/hms2018)
- MAS 2018 - Budapest, Hungary, September 19-21, 2018 - [www.liophant.org/mas2018](http://www.liophant.org/mas2018)
- IMAACA - Budapest, Hungary, September 19-21, 2018 - [www.liophant.org/conferences/2018/imaaca](http://www.liophant.org/conferences/2018/imaaca)
- DHS 2018 - Budapest, Hungary, September 19-21, 2018 - [www.liophant.org/conferences/2018/dhs](http://www.liophant.org/conferences/2018/dhs)
- WISH 2018 - Budapest, Hungary, September 19-21, 2018 - [www.liophant.org/conferences/2018/wish](http://www.liophant.org/conferences/2018/wish)
- FoodOPS - Budapest, Hungary, September 19-21, 2018 - [www.liophant.org/conferences/2018/foodops](http://www.liophant.org/conferences/2018/foodops)
- WMS 2018 - Budapest, Hungary, September 19-21, 2018 - [www.liophant.org/conferences/2018/wms](http://www.liophant.org/conferences/2018/wms)
- WIPMS 2018 - Budapest, Hungary, September 19-21, 2018 - [www.liophant.org/conferences/2018/wipms](http://www.liophant.org/conferences/2018/wipms)