FINAL PROGRAM



23-25 October 2006



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Conference Locations	
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1. Conference Location

The Conference is being held at

LAAS-CNRS (in the main building)

7, avenue du Colonel Roche 31077 Toulouse Cedex 4, France **Telephone:** +33.5 61 33 62 00

Fax: +33.5 61 55 35 77 Email: <u>laas-contact@laas.fr</u>

The registration desk will be placed in the hallway of the main building of LAAS from Monday morning October the 23 onwards, where registration will start at 08.15 and will end at 17.00. On Tuesday October 24th registration will be from 8.30 a.m. - 3.00 p.m. with Wednesday registration only from 8.30 a.m. - 9.00. a.m.

ALL MAJOR MAPS ARE AT THE BACK OF THIS PROGRAMME

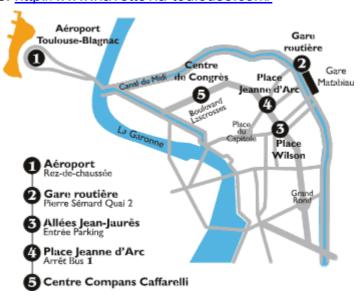
The airport is located about ten minutes by car from the city centre.

A **shuttle service** is organised between the airport and the centre of Toulouse. Departure is from door C on the ground floor. The shuttle frequency is every 20 minutes from 6h30 to 23h00.

The one way ticket fare is **4 EURO**..

MAYETTE AFROPORT OF TOULOUSE

Airport Shuttle: http://www.navettevia-toulouse.com/



Route of the Airport Shuttle Bus

The usual cost for a taxi from the Toulouse Blagnac Airport to the city center and the hotels is about 25 EURO during weekdays, but the price is higher at night and on the weekends.

2. Badges

Each registrant will receive a name badge upon registration. The badge must be worn, in order to be admitted to the technical sessions, lunches and social event.

3. Tickets

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

Extra conference dinner	€60
Extra lunch ticket	€20

4. Registration

The ESM'2006 Registration Desk will be open for information and registration:

Monday, October 23	8.15 a.m.	to	5.00 p. m.
Tuesday, October 24	8.30 a.m.	to	3.00 p. m.
Wednesday, October 25	8.30 a.m.	to	9.00 a.m.

The location of the registration desk will be signposted

5. Conference Proceedings

Each fully paid registrant will be provided with a copy of the Conference Proceedings (printed format) **This is NOT applicable to students who are not authors**.

(Extra copies are available on a cash and carry basis at special rates during (ESM'2006)

Price: (or equivalent in another currency) for an extra copy

ESM'2006 Proceedings CASH AND CARRY	€50

6. Meeting Rooms

The meeting rooms are designated A-B-C and D. The way to the rooms will be signposted. An Internet room will be available.

7. Need Help?

Please see the conference desk for your questions

8. Social Events and Lunches

All lunches and Coffee Breaks are served at LAAS

The Conference Dinner

All participants are invited to the conference dinner on **TUESDAY** the 24th of October. As we need to give an exact number of participants we would appreciate **your confirmation at the desk before Tuesday lunchtime**.

The conference dinner will be held in the centre of Toulouse on the 24th of October at



Les Caves de la Marechale, 3, rue Jules Chalande

Tel: +33.5 61 23 89 88 from 8.00 p.m. onwards.

We will meet at 7.45 in front of the Town Hall at the main gate on the Place de la Capitole (the main square in Toulouse) and will walk as a group to the restaurant.

9. Visit



A guided visit is envisaged on Tuesday the 24th of October to TAXIWAY, where participants will be able to visit the AIRBUS A380 on the **CIRCUIT JEAN LUC LAGARDERE SITE A380**. The participants who pre-registered will be the only ones which will be able to make the visit.

10. Room Legend

The following rooms will be used for the conference:
Every conference day: "salle de Conférence" and in addition,
Monday: rooms "Vignemalle", "Tourmalet" and "Bardeen"
Tuesday: rooms "Vignemalle", "Tourmalet" and "Europe"
Wednesday: rooms "Vignemalle", "Tourmalet" and "Europe"

11. Best Paper Award

During the conference the papers, which were accepted as extended papers will be judged by the committee in order to choose the best paper of the ESM'2006 conference.

12. Shuttle Buses

2 Buses will be available to the participants to take them to and from LAAS. They will leave in the morning from 2 locations: The Novotel Toulouse Centre and the Ibis Centre Hotel. (see on the hotel information page)

ALL SESSION CHAIRPERSONS IN THIS PROGRAM ARE PROVISIONAL

THE NUMBERS NEXT TO THE PRESENTATIONS DENOTE THE PAGE-NUMBERS IN THE PROCEEDINGS. IF NO NUMBERS ARE MENTIONED THEN THIS PAPER IS NOT PUBLISHED IN THE PROCEEDINGS

THE AUTHORS WHO ARE UNDERLINED ARE NORMALLY THE PRESENTERS

PAPERS IN GREY BOXES ARE THE EXTENDED PAPERS ELIGIBLE FOR THE BEST PAPER AWARD

CHECK OUT THE OTHER EUROSIS EVENTS ON OUR WEBSITE: http://www.eurosis.org

General Information

MONDAY	7, 23 rd OCTOBER 2006			
08.15-17.00	REGISTRATION			
09.00-09.15	OPENING SESSION IN LA	SALLE DES CONFERENC	ES -ROOM D	
09.15-10.00	KEYNOTE ADDRESS BY N	MARWAN AL-AKAIDI, DE N	MONTFORT UNIVERSITY, U	К
10.00-10.30	COFFEE BREAK			
10.30-12.30	PARALLEL SESSIONS			
	ROOM A	ROOM B	ROOM C	ROOM D
	INTRODUCTION TO COMPLEX SYSTEMS SIMULATION AND MODELLING	SIMULATORS	SIMULATION DYNAMICS IN ECOLOGY AND BIOLOGY	BACK-UP SESSION
12.30-14.00	LUNCH BREAK			
14.00-15.00	PARALLEL SESSIONS			
	ROOM A	ROOM B	ROOM C	ROOM D
	COMPLEX SYSTEMS SIMULATION AND MODELLING	WEB BASED SIMULATION	AGENT BASED TUTORIAL PART I	PATH PLANNING
15.00-15.30	COFFEE BREAK			
15.30-18.00	PARALLEL SESSIONS			
	ROOM A	ROOM B	ROOM C	ROOM D
	GIS AND COMPLEXITY	AGENT BASED SIMULATION METHODOLOGY	SEMICONDUCTOR MANUFACTURING	HIGH PERFORMANCE COMPUTING
18.30 FREE EVENING				

TUESDA	Y, 24 th OCTOBER 2006			
08.30-15.00	REGISTRATION			
09.00-10.00	PARALLEL SESSIONS			
	ROOM A	ROOM B	ROOM C	ROOM D
	EMOTION MODELLING	RESOURCE FLOW AND PLANNING MODELLING I	PROCESS SIMULATION WITH AGENTS	PETRI NETS FORMALISM I
10.00-10.30	COFFEE BREAK			
10.30-12.30	0-12.30 PARALLEL SESSIONS			
	ROOM A	ROOM B	ROOM C	ROOM D
	SIMULATION AND PRODUCTION SYSTEMS	RESOURCE FLOW AND PLANNING MODELLING II	AGENT BASED NEGOTIATION	PETRI NETS FORMALISM AND SIMULATION
12.30-14.00	LUNCH BREAK			
14.00-15.00	PARALLEL SESSIONS			
	ROOM A	ROOM B	ROOM C	ROOM D
	ECOLOGICAL MODELLING	SIMULATION METHODOLOGY	CROWD AND GROUP SIMULATION	PETRI NETS SIMULATION
15.00-15.30	COFFEE BREAK			
15.30-17.00	PARALLEL SESSIONS		,	
	ROOM A	ROOM B	ROOM C	ROOM D
		FLUID FLOW SIMULATION	AGENT BASED SIMULATION IN BIOLOGY	BACK-UP SESSION
20.00 – 23.00	CONFERENCE DINNER			

WEDNESI	DAY, 25 th OCTOBER 20	006		
08.30-09.00	REGISTRATION			
09.00 10.00	PARALLEL SESSIONS			
	ROOM A	ROOM B	ROOM C	ROOM D
	DECISION BASED	ANALYTICAL	BIOLOGICAL	EUROSIS MEMBER
	SIMULATION	SIMULATION IN	SIMULATION	MEETING
		COMMUNICATIONS		
10.00-10.30	COFFEE BREAK			
10.30 12.30	PARALLEL SESSIONS			
	ROOM A	ROOM B	ROOM C	ROOM D
	COLLECTIVE	APPROXIMATION AND	MODELING	FP 7 MEETING
	INTELLIGENCE	EVALUATION	OPERABILITY	
	SIMULATION	SIMULATION		
12.30-12.45	CLOSING SESSION AND	BEST PAPER AWARD RO	OM A	

Monday, 23rd October 2006

HALLWAY

Registration

08.15 - 17.00

MAIN HALL

09.00 - 10.00

Opening ESM'2006 and Welcome

Welcome Address

Professor Malik Ghallab Head of LAAS CNRS

Alexandre Nketsa LAAS-CNRS ESM2006 General Conference Chair

Philippe Geril EUROSIS, Ghent University EUROSIS Coordinator

09.15 - 10.00

KEYNOTE SPEECH

Chair: Alexandre Nketsa, LAAS-CNRS, Toulouse, France

The Wireless and Mobile Revolution: Signal Processing as the Way Forward Marwan Al-Akaidi



Monday, 23rd October 2006

10.00 - 10.30 COFFEE BREAK
10.30 – 12.30
ROOM A- 10.30-12.30 COMPLEX INTRODUCTION TO COMPLEX SYSTEMS MODELLING Chair: Cyrille Bertelle, University of Le Havre, Le Havre, France
INVITED SPEECH Complexity, Control and Self-Organization Michel Cotsaftis
COMPLEX-02 Holistic Metrics, a Trial on Interpreting Complex Systems J. Manuel Feliz-Teixeira and António E. S. Carvalho Brito
COMPLEX-06 Simulating Dynamic Behaviours in Complex Organisations: case study application of a well structured modelling approach M Zhen and R H Weston
COMPLEX-13 Different Goals in Multiscale Simulations and how to reach them Pierrick Tranouez and Antoine Dutot
ROOM B- 10.30-12.00 SIMULATORS SIMULATORS Chair: Jean-Claude Pascal, LAAS-CNRS, Toulouse, France
GRAPH-03 An Approach to Virtual-Lab Implementation using Modelica Carla Martin, Alfonso Urquia and Sebastian Dormido

METH-11

An Integrated Vehicular and Network Simulator for Vehicular Ad-Hoc Networks

Parallel Sessions - Monday

Monday, 23rd October 2006

COMPLEX-01 Concept of "hands on "training for Spacecraft Operations Christian D. Bodemann, Joachim Ochs, Carol Quirke and Roberto Palm	ari 150
ROOM C- 10.30-12.00 SIMULATION DYNAMICS IN ECOLOGY AND BIOLOGY Chair: Alexandre Nketsa, LAAS, CNRS, Toulouse, France	ECO-BIO
BIO-03 Micro-Gen: An Agent-Based Model of Bacteria-Antibiotic Interactio in Batch Culture James T. Murphy and Ray Walshe	
ENV-03 Water Anoxia and Species Selection in Lagoons: An Analysis of Ecosystem Dynamics Francesco Cioffi and Giovanni Cannata	243
ENV-01 Modelling the Fight against Forest Fires by Means of a Numerical E Yves Dumond	
ROOM D- 10.30-12.30 BACK-UP SESSION	CK-UP

This session is for people who cannot present their paper at the allotted time within the conference programme and who would like to move their presentation to this session. Authors are required to inform the organization before the start of the conference.

12.30 - 14.00 LUNCH BREAK

Monday, 23rd October 2006

14.00 - 15.00

ROOM A- 14.00-15.00 COMPLEX SYSTEMS MODELLING Chair: Gerard H E. Duchamp, Univ. Paris Nord, Ville	COMPLEX etaneuse, France
COMPLEX-05 Optimization in Packaging and Real Estate William C. Conley	404
COMPLEX-23 Invariant Manifolds of complex systems Jean-Marc Ginoux and Bruno Rosseto	408
ROOM B- 14.00-15.00 WEB BASED SIMULATION Chair: Hamid Demmou, LAAS-CRNS, Toulouse, Fra	WEB ance
WEB-01 Integration of Web Based Simulators in the SINPL Platfo Alberto Coen-Porisini, Ignazio Gallo and Antonella Zanzi	
WEB-02 GROUPSIM: Extending a Simulation Groupware to allow Celso M. Hirata; Tony Calleri França, Vakulathil Abdurahima Germano de Souza Kienbaum	n and
ROOM C- 14.00-15.00 I PATH PLANNING AND COGNITIVE MAPS Chair: Khader Sahraoui, LAAS-CNRS, Toulouse, Fr	PATH PLANNING
METH-02-Al Path Planning for UAVs using Symbiotic Simulation Farzad Kamrani, Marianela Garcia Lozano and Rassul Ayan	i 207

Parallel Sessions - Monday

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AGENT BASED MODELLING AND SIMULATION PART I
<u>Laszlo Gulyas</u>
15.00 - 15.30
COFFEE BREAK
15.30 - 18.00
ROOM A- 15.30-17.30 COMPLEX
GIS AND COMPLEXITY
Chair: Michel Cotsaftis
COMPLEX-16
The Evolution process of Geographical Data Base within self-organized
topological propagation area Hakima Kadri-Dahmani, <u>Cyrille Bertelle, Gérard H.E. Duchamp</u> and
Aomar Osmani
COMPLEX-17
Self-organization simulation over Geographical Information System based
on multi-agent platform Rawan Ghnemat, Cyrille Bertelle and Gérard H.E. Duchamp
COMPLEX-18
Cliff Collapse Hazards spatio-temporal Modelling through GIS : from
Parameters determination to multi-scale Approach
Anne Duperret, Cyrille Bertelle and Pierre Laville425
COMPLEX-22 Structural and dynamic Complexities of Rick and Catastrophe Systems:
Structural and dynamic Complexities of Risk and Catastrophe Systems: An Approach by System Dynamics Modelling
Damienne Provitolo430

Monday, 23rd October 2006

ROOM B- 15.30-18.00 AI BASED SIMULATION METHODOLOGY Chair: Alexandre Nketsa, LAAS-CNRS-, Toulouse, France	Al
AI-06 Game Analysis by means of Simulation Roland Angerer and Helge Hagenauer	177
AI-01 Simulation Based Optimisation using Global Search and Neural Network Metamodels Anna Persson, Henrik Grimm and Amos Ng	182
GRAPH-01 Optimization by extension-restriction neighborhood in local search applicate to graph coloring problem Isabelle Devarenne, Hakim Mabed and Alexandre Caminada	
AI-02 Experimental Based Modeling and Pareto Optimization of Indirect Injection Engines K. Atashkari, N. Nariman-zadeh, A. Jamali and Ì. Çelikten	
AI-03 Supervised Fuzzy Control in the Simulation of Manufacturing Systems Karim Tamani, Reda Boukezzoula and Georges Habchi	
ROOM C- 15.30-17.30 HPC HIGH PERFORMANCE COMPUTING SIMULATION Chair: Jean-Claude Pascal, LAAS-CNRS, Toulouse, France	N
HPCN-01 Performance Analysis for High-Precision Interconnect Simulation R. Heinzl, M. Spevak, P. Schwaha, T. Grasser and S. Selberherr	113
HPCN-02 Developing a Meta Methodology Supporting the Application of Parallel Simulation László Muka and Gábor Lencse	117

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Vladimir Janousek and <u>Elod Kironsky</u>	122
HPCN-05	
DISTME: A Generic Toolkit for Stochastic Simulation Distrib Romain Reuillon and David R.C. Hill	
TOTALIT REGISTION AND DAVID 18.0. FINE	
ROOM D- 15.30-17.30	TUTORIAL
AGENT BASED MODELLING AND SIMULATION PAR	RT I
<u>Laszlo Gulyas</u>	

THE ESM2006 SHUTTLE BUSSES WILL PICK UP THE PARTICIPANTS AT LAAS TO TAKE THEM BACK TO THE CITY CENTRE AT 18.15

FREE EVENING

Parallel Sessions - Monday

Tuesday, 25th October 2006 HALLWAY Registration 08.30 - 15.00 09.00 - 10.00 ROOM A- 09.00-10.00 COMPLEX EMOTION MODELLING Chair: Gerard H. E. Duchamp, Univ. Paris Nord, Villetaneuse, France

COMPLEX-12 Simulation of emotional Processes in Decision Making **COMPLEX-21 Emotions: Theoretical Models and Clinical Implications** Sophie Baudic and Gerard H E Duchamps 464 METH ROOM B- 09.00-10.00 RESOURCE FLOW AND PLANNING MODELLING I Chair: Philippe Esteban, LAAS-CNRS, Toulouse, France **GRAPH-06** Event simulation of supply chain networks – Dynamic detailing in the material flow simulator d3FACT insight Wilhelm Dangelmaier, Mark Aufenanger, Kiran Mahajan, Christoph Laroque and Daniel Huber.......50 METH-06 The Model of Wood Resource Flow

ROOM C- 09.00-10.00	AGENTS
PROCESS SIMULATION WITH AGENTS	
Chair: Mario Paludetto, LAAS-CNRS, Toulouse, France	

METH-03-PETRI-AGENT

arallel Sessions - Tuesday

Tuesday, 24th October 2006 AGENT-11 Formal Infrastructure for Verification of Epistemic Properties of Multi-Agent **Systems** PETRI NETS **ROOM D- 09.00-10.00** PETRI NETS FORMALISM Chair: Carmen Bobeanu, Ghent University, Ghent, Belgium PETRI-05 Petri Net - based project scheduling methods: advantages and shortcomings Konstantinos Kirytopoulos, Viktor Diamantas, Vrassidas Leopoulos and PETRI-03 Painted Petri Net and Functional Abstraction to Visualize Dynamic Modeling 10.00 - 10.30 **COFFEE BREAK** 10.30 - 12.30 **ROOM A- 10.30-12.30** COMPLEX SIMULATION AND PRODUCTION SYSTEMS Chair: Cyrille Bertelle, University of Le Havre, Le Havre, France **COMPLEX-15** Complex Systems Dynamics in an Economic Model with Mean Field Interactions COMPLEX-03 Complexity of Traffic Interactions: Improving Behavioural Intelligence in **Driving Simulation Scenarios** Abs Dumbuya, Anna Booth, Nick Reed, Andrew Kirkham, Toby Philpott, John Zhao and Robert Wood......497

Tuesday, 24th October 2006

COMPLEX-07 An Integrative Simulation Model for Project Management in Chemical Process Engineering Bernhard Kausch, Nicole Schneider, Morten Grandt and Christopher Schlick
COMPLEX-19 Detection and reification of emerging systems in population dynamic simulations using interaction networks and genetic algorithms: a way to exploit Individual-Based Models Guillaume Prevost and Cyrille Bertelle
ROOM B- 10.30-12.30 METH RESOURCE FLOW AND PLANNING MODELLING II Chair: Khader Sahraoui, LAAS-CNRS, Toulouse, France
METH-05 Modelling Methodology and Simulation of a Hospital Laundry Michel Gourgand, Fateh Mebrek and Alain Tanguy
BIO-05 A Queueing Network Model of Patient Flow in an Accident and Emergency Department S.W.M. Au-Yeung, P.G. Harrison and W.J. Knottenbelt
BIO-04 A Capacity Planning Simulation Model and its Application to a Nuclear medicine Service Rob Cameron, Robert E Dugdale and Michael J. Page
ENV-02 Multiagent System for Flow Management in Complex Systems: Development of a Decision Support System in Epidemiology Alexandre Weber, Daniel Dupont, Anne Follet, Philippe Kubiak and Ahmed Rahmani
ROOM C- 10.30-12.30 AGENTS AGENT BASED NEGOTIATION AND ACTORS

Chair: Alexandre Nketsa, LAAS-CNRS, Toulouse, France

rallel Sessions - Tuesday

Tuesday, 24th October 2006

AGENT-06 An Approach of Agent Based Distributed Simulation for Supply Chains: Negotiation Protocols between Collaborative Agents El Habib Nfaoui, Omar El Beqqali, Yacine Ouzrout and Abdelaziz Bouras
AGENT-09 Agent Based VS Nested Simulation for supporting On-Line Teller Scheduling in Groceries Supermarket Distribution: A Case Study Roberto Revetria, Cinzia Forgia and Alessandro Catania
AGENT-05 Agent Based Simulation Architecture augmented by Actors Norbert Adamko and Valent Klima
ROOM D- 10.30-12.30 PETRI NETS PETRI NETS FORMALISM AND SIMULATION Chair: Carmen Bobeanu, Ghent University, Ghent, Belgium
PETRI-06 A Meta-modeling Approach for Sequence Diagrams to Petri Nets Transformation within the requirements validation process Adel Ouardani, Philippe Esteban, Mario Paludetto and Jean-Claude Pascal
PETRI-07 State Class Graph for Fuzzy Time Petri Nets J. Cardoso, Xiaoyu Mao and Robert Valette
PETRI-04 Hybrid Simulation for Critical Scenario Derivation N. Sadou and H. Demmou
PETRI-01 Efficient enabling Test in Simulation of SWN Lorenzo Capra and Massimiliano De Pierro

12.30 - 14.00 LUNCH BREAK

Tuesday, 24th October 2006

14.00 - 15.00

ROOM A- 14.00-15.00 COM	MPLEX
NATURAL ECOSYSTEMS MODELLING	
Chair: Pierrick Tranouez, University of Le Havre, Le Havre, Fi	rance
COMPLEX-20 Model and simulation engineering in the field of coolegy using web	and
Model and simulation engineering in the field of ecology using web ontology and XML	and
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Application of homotopy perturbation method for ecosystems mod Zaid Odibat and Cyrille Bertelle	
	
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SIMULATION METHODOLOGY	
Chair: Mario Paludetto, LAAS-CNRS, Toulouse, France	
METH-01	
A formal Method for the Sequential untimed Subset of SystemC	
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ROOM C- 14.00-15.00	AGENT
CROWD AND GROUP SIMULATIONS	
Chair: Khader Sahraoui, LAAS-CNRS, Toulouse, France	
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Benoit Lacroix, Philippe Mathieu and <u>Sebastien Picault</u>	315

Parallel Sessions - Tuesday

Tuesday, 24th October 2006

ROOM D- 14.00-15.00 PETRI NETS SIMULATION Chair: Philippe Esteban, LAAS-CNRS, Toulouse, Franc	PETRI NETS
PETRI-08 ESA_PetriNet tool: Extraction Scenarios & Analyzer by Petri Application to the extraction of feared scenarios in a landing Malika Medjoudj, Hamid Demmou and Robert Valette	gears system
PETRI-10 Reducing Complexity in the Systematic Construction of Petrithrough Graph Transformations Carmen Veronica Bobeanu and Hendrik Van Landeghem	
15.00 - 15.30 COFFEE BREAK	
15.15 – DEPARTURE TO AIRBUS FOR A GROUP OF 47 PEOPLE (this was decided on the first-in basis of the registrations received) The list of participants will be posted at the registration desk. The other participants will be taken back to Toulouse centre after the last sessions finish at LAAS at 17.15 in the 2 nd bus.	
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other participants will be taken back to Toulouse	
other participants will be taken back to Toulouse last sessions finish at LAAS at 17.15 in the 2 nd bus.	centre after the
other participants will be taken back to Toulouse last sessions finish at LAAS at 17.15 in the 2 nd bus. 15.30 – 17.00 ROOM B- 15.30-17.00 FLUID FLOW SIMULATION	FLUID rance
other participants will be taken back to Toulouse last sessions finish at LAAS at 17.15 in the 2 nd bus. 15.30 – 17.00 ROOM B- 15.30-17.00 FLUID FLOW SIMULATION Chair: Jean-Claude Pascal, LAAS-CNRS, Toulouse, Fruit FLUID-04 Thermohydraulic Modeling and Analysis of CANDU Shutdov	FLUID rance vn Cooling System164

Tuesday, 24th October 2006

ROOM B- 15.30-16.30	AGENT
AGENT BASED SIMULATION IN BIOLOGY	
Chair: Hamid Demmou, LAAS-CNRS, Toulouse, France	
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Analysis of the relative importance of the humoral versus the cellu	ılar
response during the acute stage of HIV infection: Results from mu	
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THE ESM2006 SHUTTLE BUSSES WILL PICK UP THE PARTICIPAN	ITS TO TAKE
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CONFERENCE DINNER – 20.00 -23.00

Les Caves de la Marechale, 3, rue Jules Chalande

Tel: +33.5 61 23 89 88 from 8.00 p.m. onwards.

We will meet at 7.45 in front of the Town Hall at the main gate on the Place de la Capitole (the main square in Toulouse) and will walk as a group to the restaurant.

ions - Wednesday Parallel Sessic

Wednesday, 25th October 2006

Registration	
08.30 - 09.00	
09.00 – 10.00	
ROOM A- 09.00-10.00 DECISION BASED SIMULATION Chair: Hamid Demmou, LAAS-CNRS, Toulouse, France	METH
METH-15 The Application PLA for Creation Simulation Models for Decision M H.Pranevicius, V.Pilkauskas and D. Makackas	_
METH-16 The Simulation of the economic Effect of Power System Structure i Renewable Sources of Energy Eugeniusz M. Sroczan	
ROOM B- 09.00-10.00 ANALYTICAL AND NUMERICAL SIMULATION IN COMMUNICATIONS Chair: Khader Sahraoui, LAAS-CNRS, Toulouse, France	ANALYT
ANMT-01 Differential Modeling and its Application to TCP/IP H. Hassan, J-M.Garcia and C. Bockstal	10
ANMT-06 Transient Analysis of Semi-Markovian Switching Systems in Telecommunication Networks Gerhard Hasslinger and Sebastian Kempken	10
ROOM C- 09.00-10.00 BIOLOGICAL SIMULATION Chair: Jean-Claude Pascal, LAAS-CNRS, Toulouse, France	ВЮ

HALLWAY

Wednesday, 25th October 2006

BIO-01 Geometric Hierarchical Data Organisation in the Modelling of the Cerebellum Omar Bennani, P. Chauvet, F. Jouen and G.A. Chauvet
<u> </u>
BIO-02 Development of a Cardiovascular Model with Baroreceptor Reflex Jinhuai Lin, Derek G Tilley and Roger F Ngwompo
ROOM D- 09.00-10.00 EUROSIS EUROSIS MEMBER MEETING At this meeting an update will be given about EUROSIS plus an in depth overview of the new EUROSIS website and its applications for the members.
10.00 - 10.30 COFFEE BREAK
10.30 - 12.30
ROOM A- 10.30-12.30 COMPLEX COLLECTIVE INTELLIGENCE AND NEURAL LEARNING Chair: Pierrick Tranouez, University of Le Havre, Le Havre, France
COMPLEX-08 Multiobjective Optimization using Ant Colonies Feïza Ghezail, Henri Pierreval and Sonia Hajri Gabouj
COMPLEX-10 Self-organization in an artificial immune Network System Julien Franzolini and Damien Olivier
COMPLEX-11 Pyocyanic Bacillus Propagation Simulation Antoine Dutot, Pierre Magal, Damien Olivier and Guilhelm Savin
COMPLEX-24 On Adapting Neural Networks to Cellular Manufacturing Dania A. El-Kebbe and Christoph Danne

Parallel Sessions - Wednesday

Wednesday, 25th October 2006

ROOM B- 10.30-12.00 APPROXIMATION AND EVALUATION SIMULATION Chair: Mario Paludetto, LAAS-CNRS, Toulouse, France	ANALY
ANMT-03 Reliability Based Pareto Optimum Design of Robust Compensators a Dynamic System with Parametric Uncertainty Nader Nariman-zadeh, Amir Hajiloo, Ali Jamali, Ahmad Bagheri and Aria Alasti	
ANMT-04 Generating Simulation Input with Approximate Copulas Feras Nassaj and Johann Christoph Strelen	88
ANMT-05-COMPLEX Expanded scope of traffic flow analysis: Entity Flow-Phase Analysis Rapid performance evaluation of enterprise process systems Gabor Lencse and Laszlo Muka	
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MODEL INTEROPERABILITY	tion
MODEL INTEROPERABILITY Chair: Philippe Esteban, LAAS-CNRS, Toulouse, France METH-08 Process Interaction Diagrams for Structured Discrete Event Simulation Modeling	tion 19 eration

Wednesday,25th October 2006

ROOM D- 10.30-12.00

FP-7-MOSAIC

Preparatory meeting to send in a proposal for an NoE on Simulation for the FP-7

ROOM A 12.30 - 12.45

BEST PAPER

CLOSING SESSION AND BEST PAPER AWARD

Chair: Alexandre Nketsa and Philippe Geril

THE ESM2006 SHUTTLE BUSSES WILL PICK UP THE PARTICIPANTS at LAAS TO TAKE THEM BACK TO THE CITY AT 13.00

SEE YOU ALL
OCTOBER 2007
IN MALTA
FOR ESM'2007
at the WESTIN hotel

Track proposals and tutorial proposals can be sent in by January 30th, 2007

CONFERENCE HOTELS

The following hotels are those from which the shuttle busses will depart to ESM'2006	
IBIS Centre ** 2, rue Claire-Pauilhac Tel: +33 (0)5 61 63 61 63 Fax: +33 (0)5 61 63 07 46 www.ibishotel.com	Monday-Thursday 73 EUR Friday-Sunday 55 EUR
NOVOTEL TOULOUSE Centre Compans Caffarelli 5, Place Alfonse Jourdain Tel: +33.(0)5.61.21.74.74 Fax: +33.(0)5.61.22.81.22 www.novotel.com H0906@accor-hotels.com	Sunday-Tuesday 135 EUR Wednesday-Saturday 129 EUR

Departure times of the shuttle busses

Monday October 23

Morning: Novotel Toulouse Centre: 7.45

Hotel Ibis Centre: 8.00 (around corner, on the Place Jeanne d'Arc)

Arrival at LAAS: 8.30-8.45

Evening: departure LAAS: 18.15 for the city centre

Tuesday October 24

Morning: Novotel Toulouse Centre: 8.00

Hotel Ibis Centre: 8.15 (around corner, on the Place Jeanne d'Arc)

Arrival at LAAS: 8.30-8.45

Afternoon: Departure to AIRBUS of bus 1: at 15.15. Arrival AIRBUS: 16.00.

Departure to Toulouse centre: 18.00

Departure from LAAS of bus 2: at 17.15 for the City Centre

Wednesday October 25

Morning: Novotel Toulouse Centre: 8.00

Hotel Ibis Centre: 8.15 (around corner, on the Place Jeanne d'Arc)

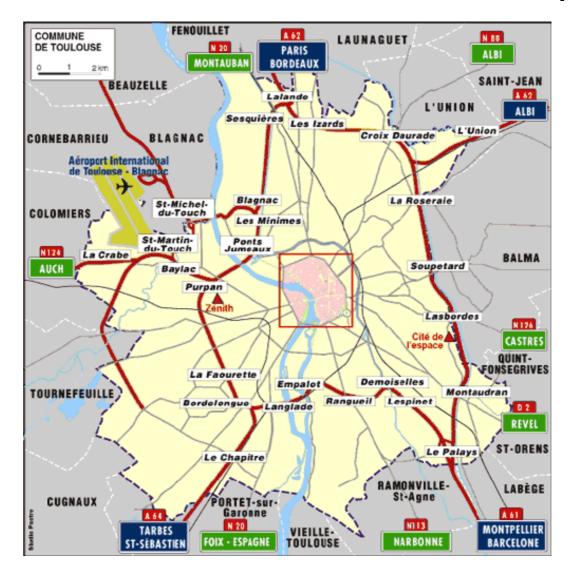
Arrival at LAAS: 8.30-8.45

Lunch time: Departure from LAAS to city centre at 13.00

Conference Hotels

CENTRE OF TOULOUSE

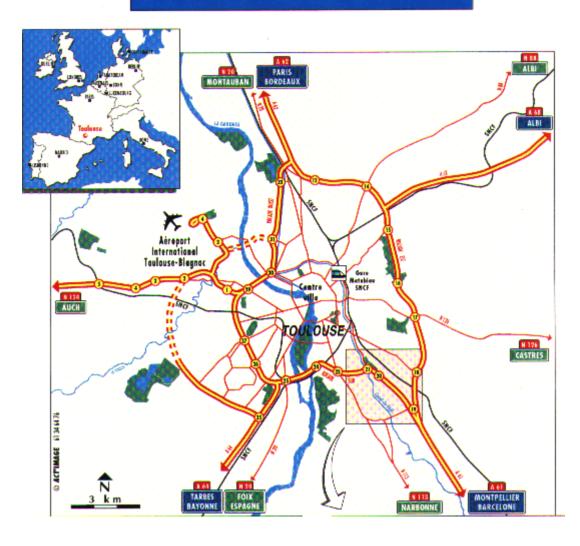




Toulouse surroundings and road system around the city

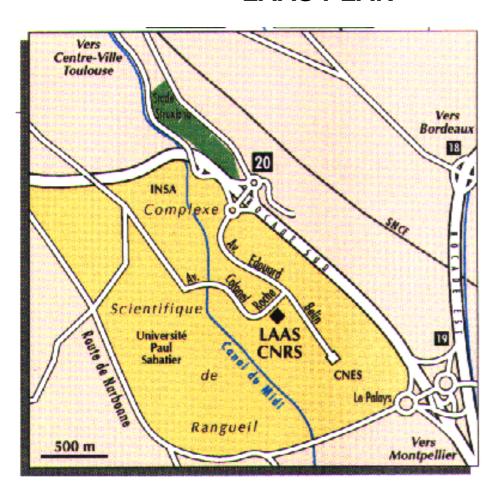
LOCATION OF LAAS IN RELATION TO TOULOUSE

LAAS - CNRS



Conference Site Maps

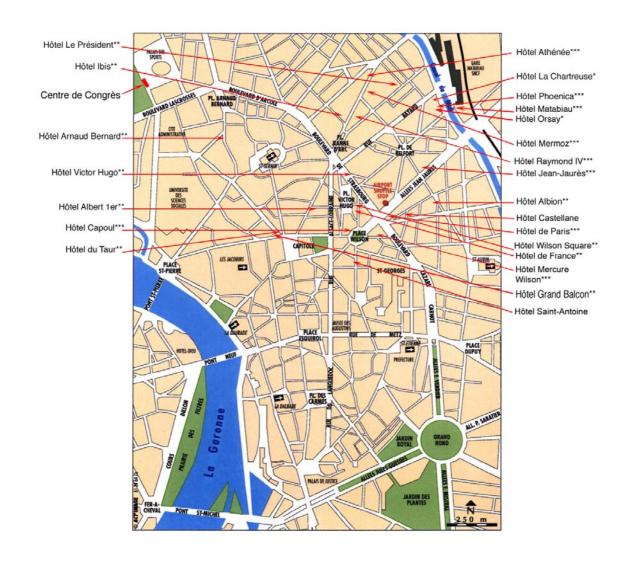
LAAS PLAN



LOCATION OF ALL THE HOTELS

TOULOUSE

Centre - Ville





EUROSIS was borne out of discussions with the European Community to set up a new kind of Society, which would be project driven instead of driven by pure membership and conferences.

The aim of the new Society will be to set up topic related Technical Committees which will link directly to European Projects in the field of computer simulation and related areas and to act as a knowledge pool for future European Networks of Excellence, like MOSAIC.

If you would like to receive more information about EUROSIS, please contact

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Fax:		 	
Fmail [.]			

