

FINAL PROGRAM



24-26 October 2018

**NH GENT BELFORT
HOTEL**

Ghent, Belgium

Organized by



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General Information

1. Conference Location

The **ESM'2018 Conference** is being held at



[NH Gent Belfort](#)

Hoogpoort 63

9000 Gent

Tel: +32.9 233 33 31

Email: c.meulemeester@nh-hotels.com

c/o Charlotte Meulemeester

You can book a room at the NH Belfort Gent Hotel using [the](#)

[linked hotel booking form](#) 

The registration desk will be placed in the hallway downstairs from Wednesday morning October the 24th onwards, where registration will start at 08.15 a.m. and will end at 3.30 p.m. On Thursday October 25th registration will be from 8.30 a.m. - 5.00 p.m. with Friday registration only from 9.00 a.m. - 9.30. a.m. The way to the conference and desk will be signposted.

ALL MAJOR MAPS ARE AT THE BACK OF THIS PROGRAMME

How to reach the conference location in Ghent:

By Plane

Ghent lies some 40 km to the west of the airport of Brussels and some 70 kms from Charleroi-(Brussels South Airport) if you fly [Ryanair](#). See below how to get reach Ghent from these different airports.

On arrival at [Brussels Airport](#), probably with [Brussels Airlines](#) take a train towards Brussels, where you can change trains for Ghent at either Brussels North, Central or South (Midi). At each of these stations you can take the IC-Train either to Ostend, Knokke-Blankenberge or De Panne and exit in **Ghent St.Pieters station**. First stop after Brussels. (travel time approx. 35 mins) From Brussels Airport for Gent St Pieters Station: A shuttle bus departs every 30 minutes and is €15,50 per person per trip. Taxi: It's a 55 minutes trip and will cost around €90.

From [Charleroi airport](#) you can take a bus to Charleroi Station. From there you take the train to Brussels South and change trains there for Ghent. At this station you can take the IC-Train either to Ostend, Knokke-Blankenberge or De Panne and exit in **Ghent St.Pieters station**. First stop after Brussels. (travel time approx 35 mins)

General Information

By Road

By car the city is accessible via two motorways:

The [E40](#) connects Ghent with [Bruges](#) and [Ostend](#) to the west, and with [Brussels](#), [Leuven](#) and [Liège](#) to the east.

The [E17](#) connects Ghent with [Sint-Niklaas](#) and [Antwerp](#) to the north, and with [Kortrijk](#) and [Lille](#) to the south.

In addition Ghent also has two ringways:

The R4 connects the outskirts of Ghent with each other and the surrounding villages, and also leads to the [E40](#) and [E17](#) roads.

The R40 connects the different downtown quarters with each other and provides access to the main avenues.

Please note that the hotel is located in an area restricted to traffic and needs to be accessed via the Ring Road as the city center does not admit through traffic. For more information click [here](#). Parking: Onsite, Paid Service. Parking cannot be reserved in advance. A permit is needed for access. contact the hotel in advance to request one. There's also an Offsite option, located 0.4 km from the hotel and is also with charge. Parking cannot be reserved in advance. Click [here](#) to get directions

By Train

From Germany see the [German Railway Information Site](#) and also check the information on the [ICE train](#) from Cologne to Brussels.

From London see the [EUROSTAR Information Site](#) for information on trains between London and Brussels.

From Paris see the [THALYS Information Site](#) for information on trains between Paris and Brussels.

From Amsterdam see the [THALYS Information Site](#) for information on trains between Amsterdam (Schiphol Airport) and Brussels. If you take this train then you can also change trains in Antwerp and take the Ostend or Lille bound trains to reach Ghent St.Pieters station.

More information about timetables of [trains in Belgium](#).

The municipality of Ghent comprises five [railway stations](#), however these are the two most important:

[Gent-Sint-Pieters Station](#): an international railway station with connections to Bruges, Brussels, Antwerp, Kortrijk, other Belgian towns and Lille. The station also offers a direct connection to [Brussels Airport](#).

[Gent-Dampoort Station](#): an intercity railway station with connections to Sint-Niklaas, Antwerp, Kortrijk and [Eeklo](#).

By Tram

Line 1: [Flanders Expo](#) – Sint-Pieters-Station – Korenmarkt (city centre) – Wondelgem - [Evergem](#)

General Information

Line 2: Zwijnaarde Bibliotheek - Sint-Pieters-Station - Zonnestraat (city centre) - Brabantdam - Zuid - [Melle Leeuw](#) (fuse of line 21 and 22 as of May 2017)

Line 4: UZ - Sint-Pieters-Station – Muide – Korenmarkt (city centre) – Zuid – [Moscou](#)

Line 21: Zwijnaarde Bibliotheek - Sint-Pieters-Station – Zonnestraat (city centre) – Zuid – [Melle Leeuw](#) (fused into line 2)

Line 22: Kouter - Bijlokehof - Sint-Pieters-Station – Zonnestraat (city centre) – Zuid – [Gentbrugge](#) (fused into line 2)

By International Bus

International buses connecting Ghent to other European destinations are usually found at the Dampoort Station. A couple of private bus companies such as [Eurolines](#) and [Flixbus](#) operate from the Dampoort bus hub.

Buses to and from Belgium's second airport - Brussels South Airport Charleroi - are operated by [Flibco](#), and can be found at the rear exit of the Sint-Pieters Station.

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	€ 80
Extra lunch ticket	€ 25

4. Registration

The ESM'2018 Registration Desk will be open for information and registration:

Wednesday, October 24..... 8.15 a.m. to 3.30 p. m.
 Thursday, October 25..... 8.30 a.m. to 5.00 p. m.
 Friday, October 26 9.00 a.m. to 9.30 a.m.

The location of the registration desk will be signposted

General Information

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 and who have not fully registered.**

(Extra copies are available on a cash and carry basis at special rates during ESM'2018)

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

ESM'2018 Proceedings CASH AND CARRY	€ 50
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6. Meeting Rooms and WIFI

The ESM'2018 conference will be held in **rooms designated A (BOURDON) , B (WOLFERS)** in this programme.

The way to the rooms will be signposted. WIFI-Internet is available and login information will be available at the conference.

7. Need Help?

Please see the conference desk for your questions

8. Social Events and Lunches

All registrants are invited to

All **Coffee Breaks** are served in the hotel hallway in front of the meeting rooms



Lunches are served at the restaurant of the [NH Gent Belfort](#)
Hoogpoort 63
9000 Gent

The Conference Dinner

All participants are invited to the conference dinner on **THURSDAY** the 25th of October. As we need to give an exact number of participants we would appreciate **your confirmation at the desk before Wednesday lunchtime.**

General Information

The dinner will be held at:



[De Acht Zaligheden](#)

Oudburg 4

9000 Gent

Tel: +32.9.224.31.97

Email: info@deachtzaligheden.be

Social Event

The **Conference visit on October 24th in the afternoon** from 5.00 to 6.00 p.m. to the University of Leuven Research Centre in Ghent, to see their beer brewing installation and to enjoy some beer tasting.



[KU Leuven](#)

[Technologicampus Gent](#)

Gebroeders de Smetstraat 1

9000 Gent

Tel: +32.9 265 86 10

Email: iw.gent@kuleuven.be

See the [Campus map](#) for more info

9. Room Legend

The parallel meeting rooms will be designated **ROOM A (BOURDON)** and **B. (WOLFERS)**. Signposts will indicate the room number above each door.

10. Best Paper Award

During the conference the papers, which were accepted as **extended** papers will be judged by the committee and conference participants in order to choose the best paper of the ESM'2018 conference.

The best paper author of the conference receives a certificate and a free registration to any EUROSIS event held within 2 years after receiving the best paper award. This registration waiver is only VALID FOR 2 YEARS AFTER RECEIPT AND FOR 1 (ONE) PERSON. In case of multiple authors, one (1) author only can use the registration waiver.

Session Chairs information

ALL SESSION CHAIRPERSONS IN THIS PROGRAM ARE PROVISIONAL

Session Chairs are chosen on a voluntary basis by proposals by either authors or local committee members or are appointed by the Track Chairs, General Program Chair or General Conference Chair. They are responsible for their assigned session. They make sure their speakers are available, take care of the timing within the session, chair the discussion after each presentation and introduce each speaker based on the CV's given to them by the authors. **If a session chair is not available then the first author takes on the responsibility to chair** In case they chair a session featuring **extended papers**, then they are required to distribute and collect the reviews of that or those papers at the beginning and end of the session. If they have time they should also indicate in their papers the number of session participants.

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>

WEDNESDAY, 24th OCTOBER 2018		
08.15-15.30	REGISTRATION IN THE HALLWAY	
09.00-09.15	WELCOME BY VERONIQUE LIMÈRE – ESM'2018 CONFERENCE CHAIR - ROOM A – BOURDON	
09.15-10.00	INVITED SPEECH BY LEON ROTHKRANTZ - ROOM A - BOURDON	
10.00-10.30	COFFEE BREAK	
10.30-12.30	PARALLEL SESSIONS	
	ROOM A BOURDON	ROOM B WOLFERS
	PRODUCTION PLANNING	MACHINE LEARNING AND AI
12.30-14.00	LUNCH BREAK	
14.00-15.00	PARALLEL SESSIONS	
	ROOM A BOURDON	ROOM B WOLFERS
	SIMULATION DRIVEN ENGINEERING	ENVIRONMENTAL SIMULATION
15.00-15.30	COFFEE BREAK	
15.30-16.30	PARALLEL SESSIONS	
	ROOM A BOURDON	ROOM B WOLFERS
	ELECTRONIC NETWORK SIMULATION	EUROSIS UPDATE MEETING
16.30-17.00	Walk to the Leuven University Research Centre (15 mins)	
17.00-18.00	Visit of the Leuven University Research Centre Brewery and Beer Tasting	
18.00-.....	Walk back to the city centre and FREE EVENING	

THURSDAY, 25th OCTOBER 2018		
08.30-17.00	REGISTRATION	
09.00-10.00	KEYNOTE ADDRESS BY IVO ADAN ROOM A - BOURDON	
10.00-10.30	COFFEE BREAK	
10.30-12.30	PARALLEL SESSIONS	
	ROOM A BOURDON	ROOM B WOLFERS
	ASSEMBLY LINE OPTIMIZATION	SIMULATION IN ENERGY
12.30-14.00	LUNCH BREAK	
14.00-15.00	INVITED SPEECH BY JACOB A.KEGERREIS ROOM A - BOURDON	
15.00-15.30	COFFEE BREAK	
15.30-17.00	PARALLEL SESSIONS	
	ROOM A BOURDON	ROOM B WOLFERS
	SIMULATION IN ECONOMICS AND FINANCE	OPTIMIZATION METHODOLOGY
19.30 – 22.30	CONFERENCE DINNER	

FRIDAY, 26th OCTOBER 2018		
09.00-09.30	REGISTRATION	
09.00-10.00	INVITED SPEECH BY JAN VAN IMPE ROOM A - BOURDON	
10.00-10.30	COFFEE BREAK	
10.30 12.30	SESSION	
	ROOM A BOURDON	ROOM B
	SUPPLY CHAIN ANALYSIS AND VEHICLE SCHEDULING	
12.30-12.45	CLOSING SESSION AND BEST PAPER AWARD ROOM A - BOURDON	

NOTES

Notes

Wednesday, 24th October 2018

HALLWAY

Registration

08.00 - 15.30

ROOM A –

09.00 – 09.15

Opening ESM'2018 and Welcome

Welcome Address

Veronique Limère, Ghent University, Belgium

ESM'2018 General Conference Chair

ROOM A – BOURDON - 09.15-10.00

KEY

INVITED SPEAKER

Chair: Veronique Limère, Ghent University, Ghent; Belgium



INV_02

[Simulation and Modelling of a Flooding Disaster at Prague](#)

Leon Rothkrantz, Czech Technical University, Faculty of Transportation Sciences, Prague, Czech Republic

Wednesday, 24th October 2018

10.00 - 10.30

COFFEE BREAK

10.30 – 12.30

ROOM A – BOURDON - 10.30-12.30

PROD

PRODUCTION PLANNING

Chair: Veronique Limère, Ghent University, Ghent; Belgium

METH_03

Coupling of Rigid Body Dynamics with Structural Mechanics to include Elastic Deformations in a Real-Time Capable Holistic Simulation for Digital Twins

Max Krause, Kai-Uwe Schröder, Dorit Kaufmann, Tobias Osterloh

and Jürgen Rossmann..... 77

METH_05

Process-based Ship Production System Modeling for Supporting Decision Processes

Dongsu Jeong and Yonho Seo..... 82

ENGIN_01

Development, Implementation and Evaluation of a Complexity Measure for the Work of Assembly Teams in One-Piece-Flow Assembly Systems Employing Simulation Studies

Benedikt A. Latos, Peyman Kalantar, Florens L. Burgert, Matthias G. Arend,

Verena Nitsch, Philipp M. Przybysz and Susanne Mütze-Niewöhner..... 88

OPT_14

Integrated EPQ and Periodic Condition-Based Maintenance

Alp Darendeliler, Dieter Claeys, El-Houssaine Aghezzaf

and Abdelhakim Khatab..... 95

ROOM B – WOLFERS - 10.30-12.30

AI

MACHINE LEARNING AND AI

Chair: Leon Rothkrantz, Czech Technical University, Czech Republic

AI_06

Application of Machine Learning to model a Biological Reactor in a Wastewater Treatment Plant

Bartosz Szelağ and Jan Studziński 39

Wednesday, 24th October 2018

TOOLS_03

Modeling Emergence by Integrating DEVS and Machine Learning

Daniel Foguelman and Rodrigo Castro..... 44

AI_03

Hand Gesture Classification with Use of Convolutional Neural Networks

Tomasz Grzejszczak, Robert Roth and Reinhard Moller 49

AGENT_01

The Problem with Asynchronous Updating

Joseph Kehoe..... 54

12.30 - 14.00

LUNCH BREAK

14.00 – 15.00

ROOM A – BOURDON - 14.00-15.00

ENGIN

SIMULATION DRIVEN ENGINEERING

Chair: Anton Ivaschenko, Samara National Research University, Russia

DRIVE_01

Model-Based Simulation of a Hydraulic Open Loop Rotary Transmission with Automatic Regulation of Hydraulic Motor (Part 1: Modelling)

Mait Harf and Gunnar Grossschmidt 63

DRIVE_02

Model-Based Simulation of a Hydraulic Open Loop Rotary Transmission with Automatic Regulation of Hydraulic Motor (PART 2: Simulation)

Mait Harf and Gunnar Grossschmidt 69

ROOM B – WOLFERS - 14.00-15.00

ENV

ENVIRONMENTAL SIMULATION

Chair: Dieter Claeys, Ghent University, Ghent; Belgium

MC_01

Stochastic Model of the Joint Time-Series of Air Temperature and Atmospheric Pressure

Nina A. Kargapolova..... 199

Wednesday, 24th October 2018

HPC_01

Temporospatial Epidemic Simulations using Heterogeneous Computing

Dhananjai M. Rao..... 205

15.00 - 15.30

COFFEE BREAK

ROOM A - BOURDON - 15.30-16.30

ELEC

ELECTRONIC NETWORK SIMULATION

Chair: Ivo Adan, Technical University of Eindhoven, The Netherlands

METH_01

New Scheduling Mechanism in Multi-Channel Reconfigurable WSN under QoS and Energy Constraints

Yousra Ben Aissa, Olfa Mosbahi, Mohamed Khalgui and Abdelmalik Bachir..... 187

AGENT_03

Multi-Agent Model of Infrastructural Return for an Intermediary Service Provider

Anton Ivaschenko and Stanislav Korchivoy 192

ROOM B- WOLFERS - 15.30-16.00

EUROSIS

FUTURE EVENTS AND PROJECTS

Chair: Philippe Geril, EUROSIS-ETI, Ostend; Belgium

Overview of future events and projects from EUROSIS

Philippe Geril, EUROSIS-ETI, Ostend, Belgium

16.30-17.00

**We walk to the research centre of Leuven University for a visit to
the Beer brewing facility and beer tasting.**

Wednesday, 24th October 2018

17.00 - 18.00

CONFERENCE VISIT



[KU Leuven Technologicampus Gent](#)

Gebroeders de Smetstraat 1

9000 Gent

Tel: +32.9 265 86 10

Email: iiw.gent@kuleuven.be

See the [Campus map](#) for more info

18.00 -

Walk back to the city centre and FREE EVENING

Thursday, 25th October 2018

HALLWAY

Registration

08.30 - 17.00

09.00 – 10.00

ROOM A- BOURDON- 09.00-10.00

KEY

KEYNOTE

Chair: Dieter Claeys, Ghent University, Ghent; Belgium



KEY_01

[Multi-class queueing Applications in Automated Warehousing Systems](#)

[Ivo Adan](#), Technical University of Eindhoven, Department of Industrial Engineering & Innovation Sciences, Eindhoven, The Netherlands

10.00 - 10.30

COFFEE BREAK

10.30 - 12.30

ROOM A- BOURDON - 10.30-12.00

PROD

ASSEMBLY LINE OPTIMIZATION

Chair: Dieter Claeys, Ghent University, Ghent; Belgium

OPT_06

Optimization of a Supply Chain Game Orders with Order Cost

Florian Boyrie, Nicolas Pech-Gourg and [Thibaud Serieye](#)..... 103

OPT_08

The Influence of Line Balancing on Line Feeding for Mixed-Model Assembly Lines

[Hendrik Wijnant](#), Nico André Schmid and [Veronique Limère](#)..... 106

Parallel Sessions - Thursday

Thursday, 25th October 2018

TOOLS_01

Implementation of a Cyber-Physical Systems Simulation Components

Allocation Tool

Henrick Deschamps, Gerlando Cappello, Janette Cardoso and Pierre Siron..... **112**

ROOM B- WOLFERS - 10.30-12.30

ENERG

SIMULATION IN ENERGY

Chair: Jan Studziński, IBS-PAN, Warsaw, Poland

ENERG_01

An Offshore Energy Simulation through Flow Networks: Cel within the MSP Challenge 2050 Simulation Game Platform

Kevin Hutchinson, Harald Warmelink, Wilco Boode, Carlos Santos and Igor Mayer **157**

ENERG_02

Non Cooperative Game Theoretic Approach for Residential Energy Management in Smart Grid

Ilyes Naidji, Moncef Ben Smida, Mohamed Khalgui and Abdelmalik Bachir **164**

OPT_12_ENERG

Power System Planning supported by Big Data

Samuel Marrero Vera, José Évora Gómez and José Juan Hernández Cabrera..... **171**

ENERG_05_TOOL

Simulation of the LB-LOCA in CANDU 6 Reactors with RELAP/SCDAPSIM(IUA). Modelling Effects of the Break Location

Roxana-Mihaela Nistor-Vlad, Daniel Dupleac, Ilie Prisecaru, Marina Perez-Ferragut and Chris Allison..... **177**

12.30 – 14.00

LUNCH BREAK

Thursday, 25th October 2018

14.00 - 15.00

ROOM A - BOURDON - 14.00-15.00

INV

INVITED SPEAKER

Chair: Dieter Claeys, Ghent University, Ghent; Belgium



INV_01

[Giant Impacts: Understanding Uranus' Spin \(and More\) with SPH Simulations](#)

Jacob A. Kegerreis, Durham University, Department of Physics, Institute for Computational Cosmology, Durham, United Kingdom

15.00 - 15.30

COFFEE BREAK

15.30 - 17.00

ROOM A – BOURDON - 15.30-16.30

ECON

SIMULATION IN ECONOMICS AND FINANCE

Chair: Joseph Kehoe, Institute of Technology Carlow, Ireland

ANMT_01

Volatility Regime Analysis of Bitcoin Price Dynamics using Markov Switching Garch Models

Anna Bonello and David Suda 213

HUM_01

Models as Part of the Welfare System as Part of the Economic Measures for the State of Crisis in Building Resilience

Jozef Ristvej, Roman Ondrejka, Ladislav Šimák, Michal Titko and Michaela Jánošíková 219

Thursday, 25th October 2018

ROOM B – WOLFERS - 15.30-17.00

METH

OPTIMIZATION METHODOLOGY

Chair: Jan Van Impe, University of Leuven Research Centre, Ghent, Belgium

AI_OPT_01

On Parallel Conformant Planning as an Optimization Problem

Adam Galuszka, Tomasz Grzeszczak, Jaroslaw Smieja, Adrian Olczyk and Jerzy Kocerka 17

OPT_01

Multi-Objective Optimization Driven Construction of Uniform Priors for Likelihood-Free Parameter Inference

Prashant Singh and Andreas Hellander 22

OPT_02

A Simulation Based Technique for Continuous Space Embedding of Discrete Parameter Queueing Systems

Neha Karanjkar, Madhav Desai and Shalabh Bhatnagar 28

OPT_03

Statistical Optimization with Averaging applied to a 125 Variable and 125 Nonlinear System of Equations

William Conley 5

OPT_04

Statistical Optimization applied to a large Nonlinear System of Equations

William Conley 11

CONFERENCE DINNER – 19.30 -22.30

All registered participants are invited to the conference dinner, which will be held from 19.30 to 22.30 at the



[De Acht Zaligheden](#)

Oudburg 4

9000 Gent

Tel: +32.9.224.31.97

Email: info@deachtzaligheden.be

Friday, 26th October 2018

HALLWAY

Registration

09.00 - 09.30

09.00 – 10.00

ROOM A – BOURDON - 09.00-10.00

KEY

KEYNOTE SPEAKER

Chair: Veronique Limère, Ghent University, Ghent; Belgium



KEY_02

[Advanced Dynamic Optimization of \(Bio\)chemical Processes under Parametric Uncertainty](#)

Jan Van Impe, University of Leuven Research Centre, Ghent, Belgium

10.00 - 10.30

COFFEE BREAK

10.30 – 12.30

ROOM A – BOURDON - 10.30-12.30

PROD

SUPPLY CHAIN ANALYSIS AND VEHICLE SCHEDULING

Chair: Veronique Limère, Ghent University, Ghent; Belgium

QUEUE_01

Variable and Class-Dependent Service Capacity with a Multi-Class Arrival Process

Jens Baetens, Bart Steyaert, Herwig Bruneel and Dieter Claeys **123**

Sessions - Friday

Friday, 26th October 2018

OPT_10

Simulation Analysis tackling Demand Stochasticity through Safety Stock and Lateral Transshipments

Benedikt De Vos and Birger Raa 131

TRAF_01

Bidirectional Service Strategy for Reusable Transportation Packaging (RTPs) Pooling System

Di Zhang and Uwe Clausen 139

OPT_11

Integrated Electric Vehicle Scheduling and Charging Infrastructure Planning for Public Transport

Hubert Büchter and Sebastian Naumann 147

ROOM A – BOURDON - 12.30 - 12.45

BEST PAPER

CLOSING SESSION AND BEST PAPER AWARD

Chair: Dieter Claeys, Ghent University, Ghent; Belgium

Dieter Claeys, Ghent University, Ghent; Belgium

Philippe Geril, EUROSIS, Ostend, Belgium

ESM'2019



**SEE YOU ALL AT
ESM'2019, October 28-30, 2019**

Palma de Mallorca, Spain

**Track proposals and tutorial proposals can be sent in by
January 30th, 2019**

**Proposals for future ESM locations can be emailed to
philippe.geril@eurosis.org**

Other upcoming EUROSIS conferences

[SCIFI-IT'2019](#), April 1-3, 2019, [De Krook](#), Ghent, Belgium

ISC'2019, [ISEL](#), June 5-7, 2019, Lisbon, Portugal

**NASTEC'2019, GAMEON-NA'2019, July 2-4, 2019, [Universite Laval](#),
Quebec City, Canada**

**GAME-ON'2019, September 18-20, 2019, [NHTV Breda University of
Applied Sciences](#), Breda, The Netherlands**

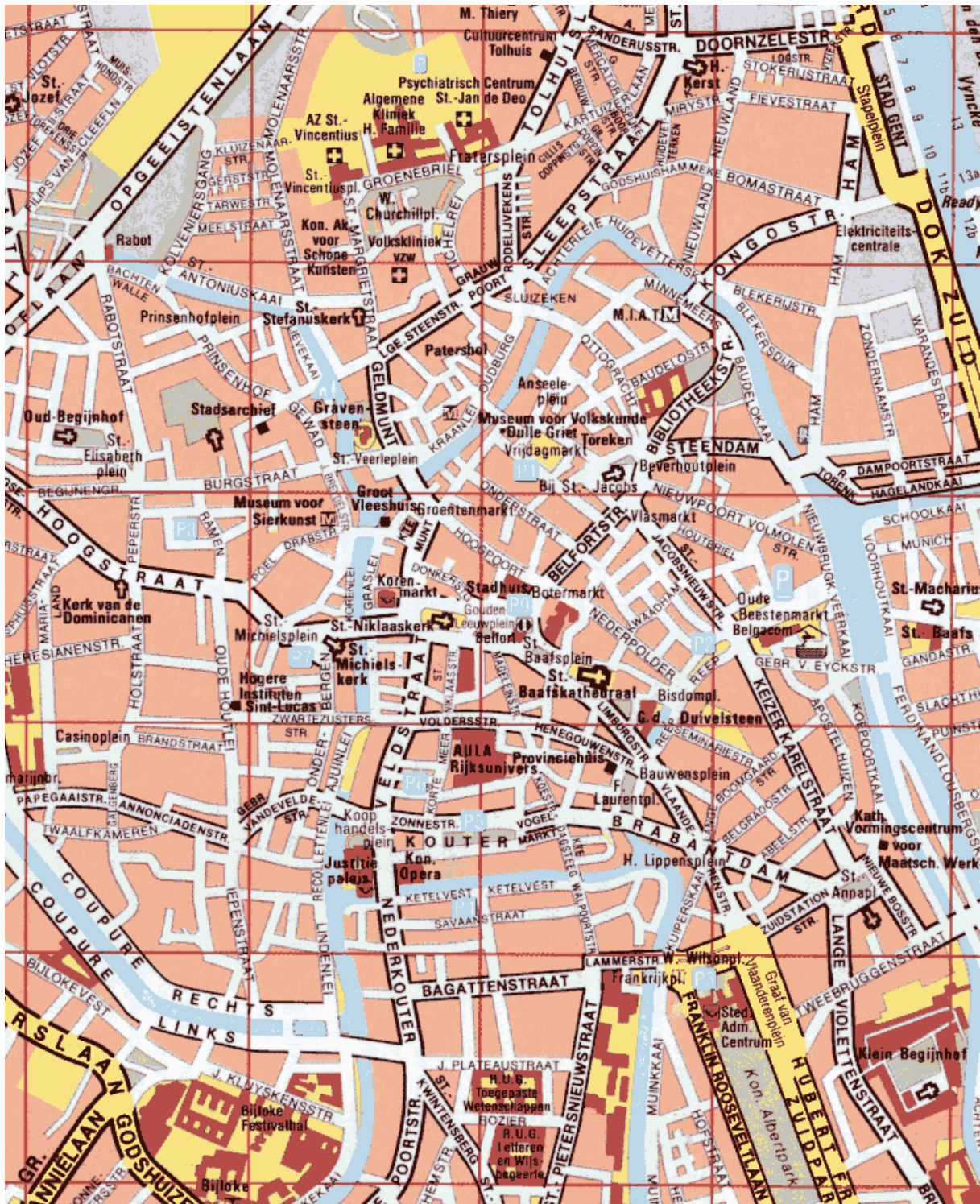
MESM'2019-GAME-ON ARABIA'2019, November 2019, Dubai (TBC)

**FOODSIM'2020, April 6-9, 2020, [University of Leuven Research
Centre](#), Ghent, Belgium**

ESM'2019 - Palma de Mallorca - Spain

Conference Site Maps

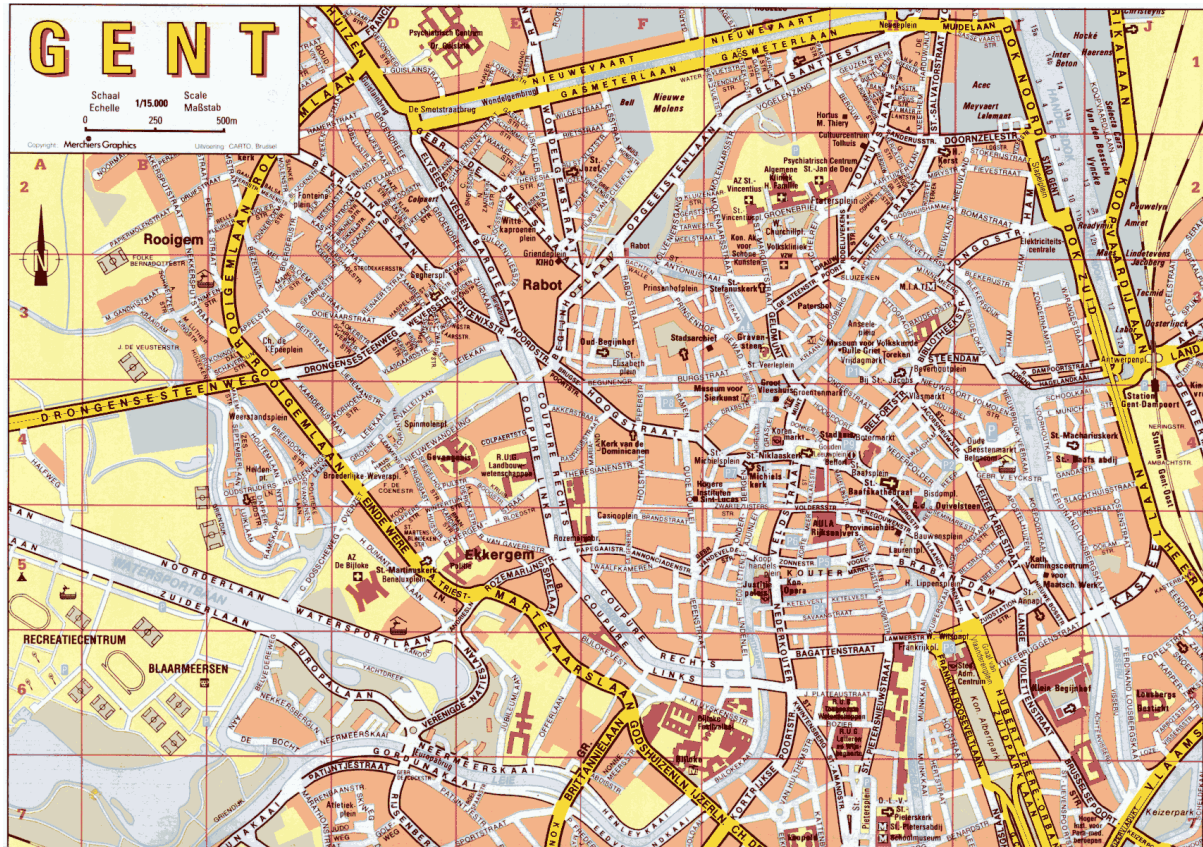
Ghent City Map



The NH Hotel is located in grid 3-C corner of Hoogstraat and Belfortstraat

Conference Site Maps

Leuven Research Centre



Leuven Research Centre is located grid 3E where you see Rabot

Conference Site Maps

Conference Site Maps



eurosis

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 Society is to set up and manage 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, HORIZON2020 by seeking out the latest innovations in simulation, modelling and AI research.

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

Philippe Geril


EUROSIS-ETI


Greenbridge Science Park

Ghent University – Ostend Campus

Wetenschapspark 1, Plassendale 1

B- 8400 Ostend, Belgium

 Tel: +32.59.255.330

 Fax: +32.59.255.339

 Email: **Philippe.Geril@eurosis.org**

Please send me info on EUROSIS:

Name:

Address:

.....

.....

Telephone.....

Fax:

Email:

ESM'2018 At-Conference Registration Form

Please legibly print or type and fill out completely. (Check appropriate boxes where necessary)

FIRST NAME	LAST NAME	M.I.
COMPANY OR AFFILIATION		
Mailing address (tick one): <input type="checkbox"/> HOME <input type="checkbox"/> BUSINESS		
STREET		
CITY		
ZIPCODE	COUNTRY	
TELEPHONE	FAX	
E-MAIL		
DATE	SIGNATURE	
1. <input type="checkbox"/> EUROSIS member € 565 Member Number: _____		€ _____
2. <input type="checkbox"/> Members of Sponsor or Affiliate Society € 565		€ _____
3. <input type="checkbox"/> Non-Member Participant € 595		€ _____
4. <input type="checkbox"/> Student Participant € 415		€ _____
5. <input type="checkbox"/> Students, <u>who are not authors</u> but who wish to attend the conference, or ONE DAY PARTICIPANTS pay: € 435		€ _____
(Above registration fees include, one copy of the PROCEEDINGS, all midday meals, cocktail, refreshments, coffees and social program,) One Day Participants and Non-Author Students cannot participate in the conference dinner.		
6. <input type="checkbox"/> Tutorial registration ONLY - €30 (students) Or €80 (non students)/ per tutorial		€ _____
7. <input type="checkbox"/> Conference Dinner Ticket for Companion € 80 <input type="checkbox"/> Lunch Ticket for Companion € 25/day		€ _____
8. <input type="checkbox"/> Extra Conference Proceedings € 50 Cash and Carry		€ _____
VAT Number if applicable: _____		
TOTAL AMOUNT DUE		€ _____
ADD 21% VAT (Value Added Tax) OBLIGATORY		€ _____
TOTAL AMOUNT REMITTED		€ _____

[12) Pay by **CREDIT CARD** and fill in the information below:

Charge my (tick one): ☐ Visa ☐ Euro/Mastercard ☐ American Express

CARD NO: _____ : _____ : _____ : _____ EXP.DATE: ____ / ____

Authorizing Signature:

Print Signature in CAPITALS