FINAL PROGRAM

2020

6 – 8 September 2020

University of Leuven – Ghent Campus
Ghent, Belgium

Organized and Sponsored by

PROGRAM AT A GLANCE

September 6

16.00-17.30 Registration
16.00-18.00 Welcome Drink

September 7

08.00-17.00 Registration
09.00-09.15 Welcome address and Introduction to SCIFI-IT'2020
09.15-10.00 Keynote Speaker (Leonel Moura - ONLINE)
10.00-10.30 Coffee Break
10.30-12.30 Session (3 papers)
12.30-13.30 Lunch
13.30-15.00 Session (3 papers)
15.00-15.30 Coffee Break
15.30-16.30 Invited Speaker (Joel Colloc – ON-SITE)
16.30-18.00 Workshop
18.30-20.30 Social Event

September 8

09.00-17.00 Registration
09.00-10.00 Invited Speaker (Joseph Delappe - ONLINE)
10.00-10.30 Coffee Break
10.30-12.30 Workshop(3 presentations and question time)
12.30-13.30 Lunch
13.30-15.00 Session (3 papers)
15.00-15.30-Coffee Break
15.30-16.30 Session (1 paper)
16.30-16.45 Closing Session
16.45-17.30 Visit to the Brewery of the University of Leuven
19.30-23.00 Conference Dinner

SCIFI-IT'2020 is run in parallel with FOODSIM'2020

Participants of SCIFI-IT'2020 are also free to attend FOODSIM'2020 presentations and vice versa.

SCIFI-IT'2020 FINAL PROGRAM

Overhead, LCD Projector and video screens are standard
The underlined authors are usually the presenters.
Conference Site: **Room M210, (Building M, 2nd Floor)**, KU Leuven Technologiecampus Gent, Gebroeders de Smetstraat , B-9000 Ghent. **The entrance to building M is via Building L.** The way to the event will be signposted. (**for building locations see map at the back of the programme**)
For any local information contact **Monika Polańska**: (Email: **monika.polanska@kuleuven.be**)
General Phone Number and Email Tel. +32.9 265 86 10, Email: **iiw.gent@kuleuven.be**

Coffee breaks are served in the rooms and lunches are served in front of **Room L226, Building L, 2nd Floor**.

Only papers in gray boxes are eligible for the best paper award.
Papers designated ONL are presented online

Sunday, September 6, 2020

16.00 - 18.00	**IN FRONT OF ROOM L-226 AND IN ROOM L226 BUILDING L, 2ND FLOOR**	

16.00 - 17.30 **Registration SCIFI-IT'2020 – FOODSIM'2020**

16.00 - 17.00 **ROOM L226** - **COST Virtual Committee Meeting**

16.00 - 18.00 Welcome Drink **in meeting space in front of ROOM L226**

Monday, September 7, 2020

08.00 - 17.00 **Registration SCIFI-IT'2020 – FOODSIM'2020**

09.00 - 09.15	**ROOM M210- WELCOME**

Welcome Address
 Monika Polanska, **University of Leuven, Ghent Campus, Ghent, Belgium**

Monday, September 7, 2020

09.15 - 10.00	**ROOM M210 - SESSION I**
	KEYNOTE SPEAKER

09.15-10.00   **Session Chairperson:**
 <u>Monika Polanska,</u> University of Leuven, Ghent Campus, Ghent,
Belgium

SCIFI_KEY_01_ONL
[The Rise of the Nonhuman](#)
<u>Leonel Moura</u>, Lisbon, Portugal

10.00 - 10.30	**Coffee Break**

10.30 - 12.30	**ROOM M210 - SESSION II**
	IMMERSIVE TECHNOLOGIES

10.30-12.30   **Session Chairperson:**
 <u>Pieter Jorissen</u>, Karel de Grote University College, Hoboken,
Belgium

Monday, September 7, 2020

12.30 - 13.30	**Lunch – in meeting space in front of ROOM L226**

13.30 - 15.00   ROOM M210 - SESSION III
HUMAN MACHINE INTERFACES

13.30-15.00   Session Chairperson:
                              Cees Lanting, DATSA Belgium Consulting, Leuven

15.00 - 15.30	**Coffee Break**

15.30 - 16.30   ROOM M210 - SESSION IV
INVITED SPEAKER

15.30-16.30   Session Chairperson:
                              Cees Lanting, DATSA Belgium Consulting, Leuven

Monday, September 7, 2020

16.30 - 18.00	**ROOM M210 - SESSION V**
	WORKSHOP

16.30-18.00   **Session Chairperson:**
 Pieter Jorissen, Karel de Grote University College, Hoboken, Belgium

SCIFI_WORK_02
Multi-Platform Medical Virtual Reality Training
Ivan De Boi, Faculty of Applied Engineering, University of Antwerp, Antwerp and Pieter Jorissen, Department of Industrial Sciences and Technology, Karel de Grote University College, Hoboken, Belgium

18.30-20.00   **SOCIAL EVENT** (to be specified at the conference)

20.00   **FREE EVENING**

Tuesday, September 8, 2020

08.00 - 17.00	**Registration SCIFI-IT'2020 – FOODSIM'2020**	

09.00 - 10.00	**ROOM M210 - SESSION VI**
	INVITED SPEAKER

09.00-10.00 Session Chairperson:
  Monika Polanska, University of Leuven, Ghent Campus, Ghent, Belgium

SCIFI_INV_02_ONL
Head Shot! Playing Politics in Computer Games
Joseph DeLappe, Professor of Games and Tactical Media Division of Games and Art, Abertay University, Dundee, Scotland, United Kingdom

10.00 - 10.30	**Coffee Break**	

10.30 - 12.30	**ROOM M210 - SESSION VII**
	WORKSHOP

10.30-12.30 Session Chairperson:
  Cees Lanting, DATSA Belgium Consulting, Leuven

SCIFI_WORK_01
AI Decision taking and Ethics
Cees J.M. Lanting, DATSA Belgium Consulting, Leuven, and Erik Mannens, Ghent University-IMEC, Ghent, Belgium

12.30 - 13.30	**Lunch**	

Tuesday, September 8, 2020

**13.30 - 15.00   ROOM M210 - SESSION VIII
FUTURE DATA MANAGEMENT AND INFRASTRUCTURE**

13.30-15.00   **Session Chairperson:**
                         <u>**Erik Mannens**</u>**, Ghent University-IMEC, Ghent, Belgium**

                         SCIFI_AI_01_ONL
                         The Barrier of Meaning in Archaeological Data Science
                         <u>Luca Casini</u>, Marco Roccetti, Giovanni Delnevo, Nicolò Marchetti
                         and Valentina Orrù**...61**

                         SCIFI_DAT_01_ONL
                         Recursive Decomposition Model for the Big Data Exchange
                         <u>Anton Ivaschenko</u>, Anastasia Stolbova and Alfiya Diyazitdinova**.........66**

                         SCIFI_HEALTH_01
                         **Using Wireless and Mobile Technologies in Healthcare on a Wide
                         Scale: The Issues and Challenges to surmount**
                         Izabella V. Lokshina and <u>Cees J. M. Lanting</u> **..69**

15.00 - 15.30   **Coffee Break**

**15.30 - 16.30   ROOM M120 - SESSION IX
FUTURE FARMING AND FOOD PRODUCTION**

15.30-16.30   **Session Chairperson:**
                         <u>**Philippe Geril**</u>**, ETI Bv, Ostend, Belgium**

                         SCIFI_FARM_NEW
                         Food of the Future: Fantasy or Realistic Forecasts
                         <u>Monika Polańska</u> and Jan F.M. Van Impe**..77**

Tuesday, September 8, 2020

16.30 - 16.45	**ROOM M120 - SESSION X**
	CLOSING SESSION

16.30 - 16.45   **Session Chairperson:**
                  <u>**Philippe Geril**</u>**, ETI Bv, Ostend, Belgium**

16.45 – 17.30   **VISIT TO THE BREWERY OF LEUVEN UNIVERSITY AND SOME
                  BEER TASTING IN BUILDING M**

19.30 - 23.00

                  CONFERENCE DINNER

Brasserie de Foyer
Sint-Baafsplein 17
9000 Gent
Tel:+ **32.9 234 13 54**
Email: **info@foyerntgent.be**

Website: **http://foyerntgent.be**

SESSION CHAIR INFORMATION

Information for Session Chairs

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. 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.

2021

SEE YOU ALL NEXT YEAR AT SCIFI-IT'2021
March –April 2021, Ghent, Belgium (TBC)

Proposals for special tracks/tutorials/demos can be sent in by OCTOBER 15th 2020

CONFERENCE LOCATION
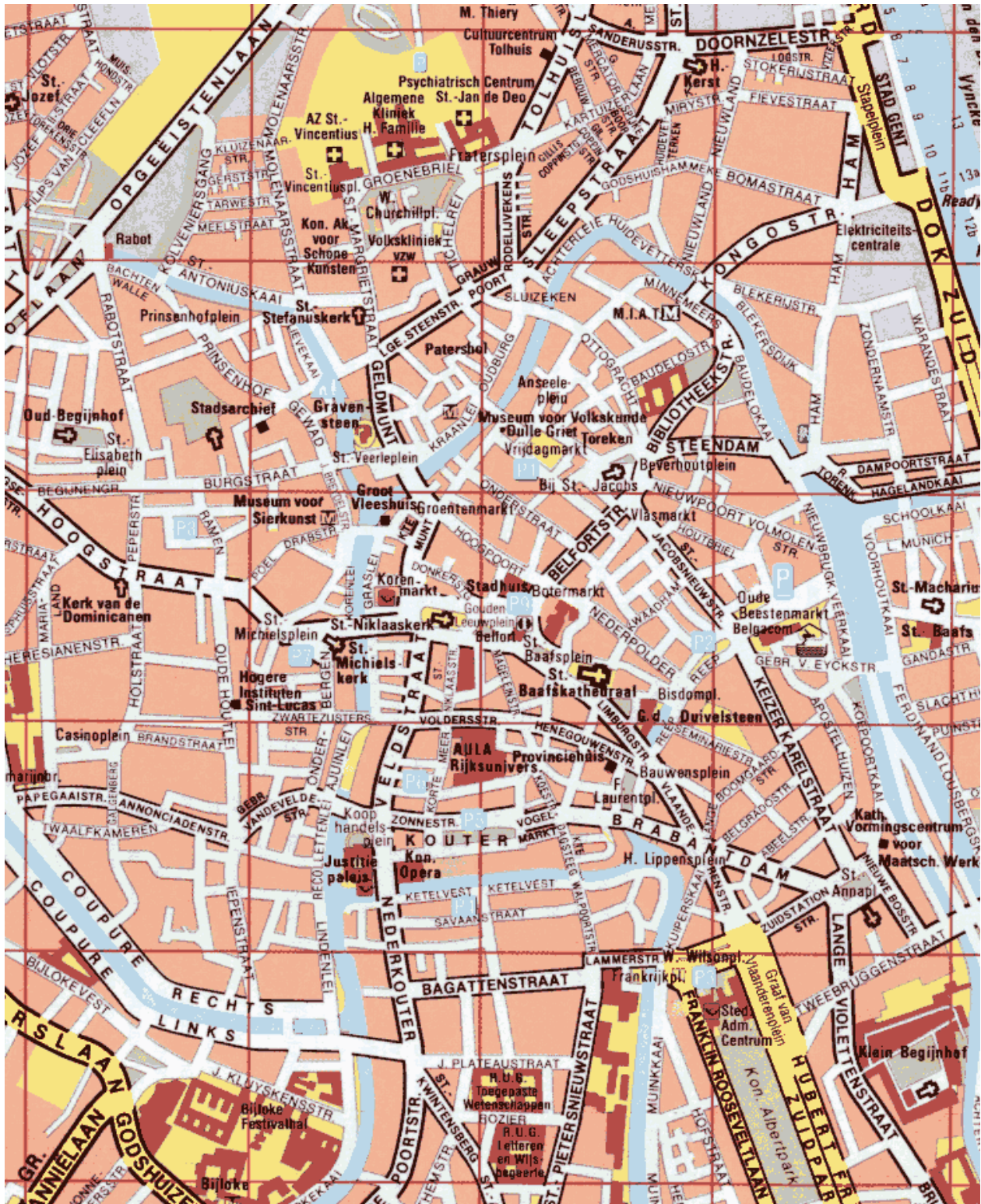
Conference Venue

Buildings M & L (see map below)
KU Leuven Technologiecampus Gent
Gebroeders de Smetstraat 1
B-9000 Ghent
Tel: +32.9 265 86 10

CONFERENCE LOCATION

THE CONFERENCE LOCATION IS ACROSS LEFT FROM THE TOP LEFT GRID WHERE YOU SEE RABOT

EUROSIS Forthcoming Conferences

ESM'2020, October 21-23, 2020, LAAS Toulouse, France

ISC'2021, June 2-4, 2021, University of Malta, Valletta, Malta

ESM'2021, October 2021, Link Campus University, Rome, Italy

NOTES

SCIFI-IT'2020 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): [ ] HOME [ ] BUSINESS		
STREET		
CITY		
ZIPCODE	COUNTRY	
TELEPHONE	FAX	
E-MAIL		
DATE	SIGNATURE	

1. [ ] EUROSIS member € 565 Member Number:_____	€_____
2. [ ] Members of Sponsor or Affiliate Society € 565	€_____
3. [ ] Non-Member Participant € 605	€_____
4. [ ] Student Participant € 440	€_____
5. [ ] Students, <u>**who are not authors**</u> but who wish to attend the conference, or **ONE DAY PARTICIPANTS** pay: **€ 440**	€_____
(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. [ ] Tutorial registration ONLY - €30 (students) Or €80 (non students)/ per tutorial	€_____
7. [ ] Conference Dinner Ticket for Companion € **80 [] Lunch Ticket** for Companion € **25/day**	€_____
8. [ ] Extra Conference Proceedings € 30 Cash and Carry	€_____
VAT Number if applicable: _____	
TOTAL AMOUNT DUE	€_____
ADD 21% VAT (Value Added Tax) OBLIGATORY	€_____
TOTAL AMOUNT REMITTED	€_____

[ ] 2)   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

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 is to set up topic related Technical Committees which link directly to European Projects in the field of computer simulation and related areas and to act as a knowledge pool for future HORIZON 2020 European Networks of Excellence, like MOSAIC.

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

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Name**:**……………………………………………………………………………………………………..
Address**:**……………………………………………………………………………………………………..
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Telephone: **……………………………………………………………………………………………….**
Fax: **……………………………………………………………………………………………………….**
Email: **..**