FINAL PROGRAM

18-19 September 2013

TheHotel

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NOTES

SIMEX'2013
FINAL PROGRAMME

Overhead and LCD Projector are standard
The underlined authors are usually the presenters.
Conference Site: Room MEET 25.3, 25th Floor, TheHotel, Boulevard de Waterloo 38, B-1000, Brussels, Belgium. Tel. +32-2.504.33.35, Fax: +32-2.504.33.50 Email: book@thehotel.be
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Only papers in gray boxes are eligible for the best paper award

Wednesday, September 18, 2013

08.30 - 15.30   **Registration**

09.00 - 09.15   **Welcome**
                 Welcome Address
                    Jan F.M. Van Impe, KU Leuven, Louvain, Belgium

09.15 - 10.00   **Session I**

KEYNOTE SPEECH

09.15-10.00   **Session Chairperson:**
                    Jan F.M. Van Impe, KU Leuven, Louvain, Belgium

                  KEY_01
                  Why Simulation is Important: An Engineer's Perspective
                  Chris Koh, Global R&D Fellow, PepsiCo Advanced Research
                  PepsiCo, Inc., Plano, USA

10.00 - 10.30   **Coffee/Tea Break**

Wednesday, September 18, 2013

10.30 - 12.00   **Session II**

COMMERCIAL TOOLS I

10.30-12.00   **Session Chairperson:**
   Filip Logist, KU Leuven, Louvain, Belgium

COM_05
Simulation with ARENA of Two-Machine Flowshop Scheduling Using Modified Johnson Rule

COM_01
Multi-Method Modeling

COM_03
Human-and Hardware-in-the-Loop Simulator for Studying Vehicle Longitudinal Dynamics

12.15 - 13.30   **Lunch Break**

13.30 - 14.30   **Session III**

INVITED SPEAKER

13.30-14.30   **Session Chairperson:**
   Jan F.M. Van Impe, KU Leuven, Louvain, Belgium

INV_01
An Easy to Learn System for Simulation of Business Problems

14.30 - 15.00   **Coffee/Tea Break**

Wednesday, September 18, 2013

15.30 - 17.30   **Session IV**

SIMULATION PROBLEM SOLVING II

15.30-17.30   **Session Chairperson:**
     Filip Logist, KU Leuven, Louvain, Belgium

     TUT_02
     Introduction to FLEXSIM
     <u>Kurt De Cock</u>, Ghent University, Zwijnaarde, Belgium

17.30 - 18.00   **Session V**

PROJECT

17.30-18.00   **Session Chairperson:**
     Filip Logist, KU Leuven, Louvain, Belgium

     PROJECT
     The SIM Project
     <u>Philippe Geril</u>, EUROSIS, Ostend, Belgium

19.30 -   **CONFERENCE DINNER**

More information at the conference

Thursday, September 19, 2013

08.30 - 14.00   **Registration**

09.00 - 10.00   **Session VI**

INVITED SPEAKER

09.00-10.00   **Session Chairperson:**
Jan F.M. Van Impe, KU Leuven, Louvain, Belgium

INV_02

10.00 - 10.30   **Coffee/Tea Break**

10.30 - 12.00   **Session VII**

ACADEMIC TOOLS

10.30-12.00-   **Session Chairperson:**
Filip Logist, KU Leuven, Louvain, Belgium

Thursday, September 19, 2013

12.15 - 13.30 **Lunch Break**

13.30 - 14.30 **Session VIII**

COMMERCIAL TOOLS

13.30-14.30 **Session Chairperson:**
Filip Logist, KU Leuven, Louvain, Belgium

COM_05
Simulation Languages Facilities for Innovation
Puhalschi Radu, Feher Szilard, Vasiliu Daniela, Vasiliu Nicolae
and Irimia Petru Cristinel **...66**

Introduction to Anylogic
Andrei Borshchev

14.30 - 15.00 **Coffee Break**

15.00 - 17.00 **Session IX**

SIMULATION PROBLEM SOLVING II

15.30-17.00 **Session Chairperson:**
Filip Logist, KU Leuven, Louvain, Belgium

TUT_02
aGPSS
Ingolf Ståhl**, Stockholm School of Economics, Stockholm, Sweden**
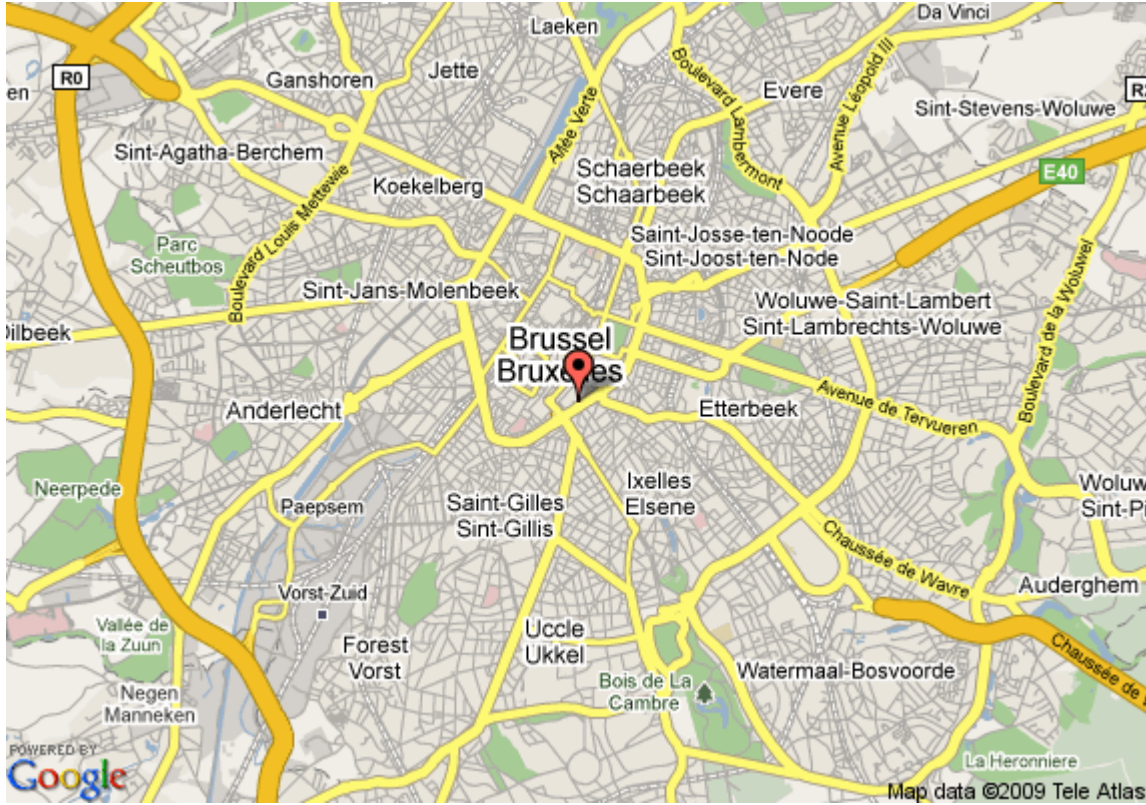
17.00 - 17.15 **Session X**

CLOSING SESSION

17.00-17.15- **Session Chairperson:**
Jan F.M. Van Impe, KU Leuven, Louvain, Belgium

Best Paper Award Ceremony and closing statements

CONFERENCE LOCATION MAP

SIMEX'2014

SEE YOU NEXT YEAR

AT SIMEX'2014
SEPTEMBER 2014 – TheHotel, Brussels, Belgium

Suggestions for topics and workshops can be sent in by January 1st 2014

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 responsiblity to chair**

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

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 of Society, which would be project-driven instead of driven by pure membership and confer-
 ences.

The aim of the Society is 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

> **Philippe Geril**
> **EUROSIS-ETI**
> **Greenbridge Science Park**
> **Ghent University – Ostend Campus**
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(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.	
5. [ ] Conference Tutorial FLEXSIM € 100 **[ ] Conference Tutorial aGPSS** € 100	€_____
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