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General Information

1.1 Conference Location

The Conference itself is held at

Novotel Brugge Centrum
Katelijnestraat 65
B-8000 Bruges
Tel: +32.50 33 75 33
Fax: +32.50 33 65 56
E-Mail: H1033@accor.com

The registration desk will be placed in the hallway in front of the meeting rooms on the ground floor. Registration will start on Wednesday at 8.30 a.m. till 4.45 p.m. On Thursday it will be from 8.30 a.m. - 3.00 p.m. with Friday registration only from 9.00 a.m.- 09.30. a.m

ALL MAPS ARE AT THE BACK OF THIS PROGRAMME

1.2 How to get there

By Car

From Gent via the A10 (E40) follow signs for Oostende, take exit No.9 for Oostkamp, then head to Brugge (5 km), then Parking Begijnhof (public parking under the hotel). From Oostende via the A10 (E40) follow signs for Gent, take exit No.8 then follow St.Michiels, continue past the 2 roundabouts, under the railway bridge and then head to Parking Katelijne (public parking under the hotel. From Lille or Kortrijk via the A17 (E403) follow Brugge, then St Michiels and continue as above.

1.3 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. Participants to the three events will be designated by differently coloured dots.

1.4 Tickets

Extra tickets for the social event and lunches are available from the registration desk.

Price: (or equivalent in another currency) for extra tickets. All participants will be issued with tickets for lunch and the conference dinner
General Information

<table>
<thead>
<tr>
<th>conference dinner:</th>
<th>€ 60</th>
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<tbody>
<tr>
<td>lunch</td>
<td>€ 20</td>
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</tbody>
</table>

1.5 Registration

The **FUBUTEC-EUROMEDIA-ECEC’2009** Registration Desk will be open for information and registration:

- **Wednesday, April 15** ........... 8.30 a.m. to 4.45 p.m. in the hallway
- **Thursday, April 16** .............. 8.30 a.m. to 3.00 p.m. in the hallway
- **Friday, April 17** .................... 9.00 a.m. to 9.30 a.m. in the hallway

1.6 Conference Proceedings

Each fully paid registrant will be provided with a copy of the Conference Proceedings relevant to his or her track (printed format).
(Extra copies are available on a cash and carry basis at special rates during FUBUTEC2009-Euromedia’2009-ECEC2009)

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

<table>
<thead>
<tr>
<th>EUROMEDIA’2009 Proceedings</th>
<th>€ 40</th>
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<tbody>
<tr>
<td>ECEC’2009 –FUBUTEC 2009 Proceedings</td>
<td>€ 40</td>
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</tbody>
</table>

Other Proceedings can be ordered using the forms available at the conference.

1.7 Meeting Rooms

The meeting rooms will be designated and signposted as ROOM A (EUROMEDIA) and -B (ECEC-FUBUTEC) at the conference.
General Information

1.8 Internet Connections

There will be 2 to-3 ISDN lines available for participants or you can use the WiFi network (see the hotel desk for rates) for the duration of the conference. More information will be available at the conference.

1.9 Need Help?

Please see the conference desk for your questions.

1.10 Social Events and Lunches

All registrants are invited to

The reception will be held on Wednesday April 15th at 5.30 p.m at the Bruges Town Hall.
Lunches and Coffee Breaks at the hotel

Visit to Bruges

We have envisaged a boat trip on the canals of Bruges for all participants to the conference on Thursday the 16th of April from 15.45 till 16.30.

The Conference Dinner

All participants are invited to the conference dinner which will be held at De Halve Maan on the 16th of April from 7.30 p.m. onwards. As we need to give an exact number of participants we would appreciate your confirmation at the desk before Wednesday evening. (for those who have as yet not done so)

Huisbrouwerij Halve Maan
Walplein 26
8000 Bruges
Tel: +32.50 33 26 97
Fax: +32.50 34 59 35
Email: info@halvemaan.be
1.12 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 FUBUTEC’2009, EUROMEDIA’2009 and ECEC’2009 conference.

1.13 Paper Legend:

Each paper is designated before each paper by its number. This number has to be entered on the form for the best paper award.

- Each Room has an LCD projector and an overhead projector
- ALL SESSION CHAIRPERSONS IN THIS PROGRAM ARE PROVISIONAL AND MAY BE SUBJECT TO CHANGE AT THE EVENT
- 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 EUROSIIS EVENTS ON OUR WEBSITE: http://www.eurosis.org
**WEDNESDAY, 15th APRIL 2009**

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Wednesday, 15th April 2009

HALLWAY
Registration
08.30 - 16.45

ROOM A
09.00 – 10.00

09.00-09.15
Opening FUBUTEC 2009 - ECEC 2009- EUROMEDIA2009 and Welcome

Welcome Address

Jeanne Schreurs, Hasselt University
Hendrik Van Landeghem, Ghent University
Danny Van Welden, KBC
EUROMEDIA’2009 and ECEC-FUBUTEC’2009 Conference Chairs
Wednesday, 15th April 2009

ROOM A
09.15 - 10.00

Chair: Hendrik Van Landeghem, Ghent University, Ghent, Belgium

KEYNOTE
Modelling Individuals, Institutions, Markets, Societies and Economies in terms of Agents and their Interaction Networks
Sorin Solomon, Hebrew University of Jerusalem, Racah Institute of Physics, Theoretical Physics Department, Givat Ram, Israel
Wednesday, 15th April 2009

10.00 - 10.30
COFFEE BREAK

10.30 – 12.30

ROOM A - 10.30-12.30
MEDIA BASED TRAINING AND E-BUSINESS & GOVERNMENT
Chair: Jeanne Schreurs, Hasselt University, Diepenbeek, Belgium

APTEC_01
Simulation-Based Training in Engineering
Valery Vodovozov and Zoja Raud .......................................................... 73

WORK_05
Personalisation of E-learning courses
Wouter Hustinx, Jeanne Schreurs and George Sammour ......................... 80

COMTEC_05
The Business Value of Inherent Network Management Approaches for the Future Internet
Gerhard Haßlinger and Frank-Uwe Andersen ........................................ 91

APTEC_06
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Dimitrios S. Goulas and Georgia N. Kontogeorga .................................... 96

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BUSINESS AND PRODUCT DEVELOPMENT
Chair: Hendrik Van Landeghem, Ghent University, Ghent, Belgium

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A Description of Semi-automatic Creation of Requirements Specification from Business Activities
David Jezek, Svatopluk Stolfa, Ivo Vondrák and Jan Kozusznik .................... 77
Wednesday, 15th April 2009

ECEC_03
Transformation Management of Interdisciplinary Product Lifecycle Modelling and Application in ICT and VR Environments
Christian-Andreas Schumann, Stephan Kassel, Andreas Rutsch, Tobias Teich and Claudia Tittmann

ECEC_06
An Approach for a Needs driven Definition of a Function-Oriented Representation in the Automotive Domain
Andreas Warkentin, Jürgen Gausemeier and Joachim Herbst

ECEC_09
Joint Optimization of all Inspection Parameters for Multi-Stage Processes: Algorithm, Simulation and Test Set
Sofie Van Volsem

12.30 - 14.00
LUNCH BREAK

14.00 – 15.00

ROOM A

INVITED SPEECH
Chair: Hendrik Van Landeghem, Ghent University, Ghent, Belgium

INVITE_01
Sustainability of re-search: Property – Function relations as a base for technology transfer
Simon Dewulf, Managing Director, CREAX nv, Ypres, Belgium

15.00 - 15.30
COFFEE BREAK

15.30 – 17.00

ROOM A- 15.30-17.00
ENHANCED AUDIOVISUAL RESEARCH
Chair: Jeanne Schreurs, Hasselt University, Diepenbeek, Belgium
Wednesday, 15th April 2009

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A Vertical Stereoscopic System Based on 1D Image Matching
Viorica Patraucean and Jean Conter ................................................................. 51

MEDIATEC_05
Generating Full Length Impaired Movies for Quality of Experience Assessments
Sebastiaan Van Leuven, Glenn Van Wallendael, Peter Lambert and Rik Van de Walle ......................................................................................... 56

MEDIATEC_03
The New Delft University of Technology Data Corpus for Audio Visual Speech Recognition
Alin G. Chitu and Leon J.M. Rothkrantz .......................................................... 63

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COLLABORATIVE PROJECTS
Chair: Christophe Roche, Universite de Savoie, Le Bourget du Lac, France

ECEC_01
Modeling Global Product Development Projects – The Idea of the Product Collaboration Information Model
Reiner Anderl, Jochen Raßler and Diana Völz .................................................. 99

ECEC_04
Ontology Matching for Collaborative Engineering
Christophe Roche ............................................................................................... 105

FUBUTEC_14
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Vrassidas Leopoulos, Panagiotis Gantiragas, Viktor Diamantas and Konstantinos Kirytopoulos ...................................................................... 110

17.30 - 18.30
RECEPTION at the Town Hall

We will go in group to the Town Hall at 17.00. After the reception there is a free evening to explore Bruges.
Thursday, 16th April 2009

HALLWAY
Registration
08.30 - 15.00

09.00 – 10.00

ROOM A- 09.00-10.00
KEYNOTE SPEECH
Chair: Jeanne Schreurs, Hasselt University, Diepenbeek, Belgium

KEYNOTE_02
Mobile Learning in Jordan: A Nomadic Journey into the Future
Prof. A.Y. Al-Zoubi, Dean of Scientific Research, Dean of the School of Graduate Studies, Princess Sumaya University for Technology, Amman, Jordan

ROOM B- 09.00-10.00
COSTING
Chair: Hendrik Van Landeghem, Ghent University, Ghent, Belgium

ECEC_07
Minimising the Cost of Scheduling Maintenance Tasks on a Single Machine
Maher Rebai, Imed Kacem and Kondo Adjallah .........................................................115

ECEC_08
Cost Model for Parts Supply in Automotive Industry
Veronique Limère and Hendrik Van Landeghem .........................................................120

10.00 - 10.30
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Thursday, 16th April 2009

10.30 - 12.30

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MULTIMODAL DATABASES
Chair: A.Y.Al-Zoubi, Princess Sumaya Univ.of Technology, Amman, Jordan

WORK_04
Datamining and Marketing: Approach to track Customer Movements
George Sammour, Jeanne Schreurs and Koen Vanhoof ........................................ 5

MEDIATEC_08
Database for a Visual Language Based Application, Not Just a Collection of Image Files
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Chyi-Wen Hwang...................................................................................................... 18

MEDIATEC_06
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Chair: Hendrik Van Landeghem, Ghent University, Ghent, Belgium

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Amirhooman Hemmasi.............................................................................................. 5

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System Dynamics Modelling of a Nautical Tourist Business System (NTBS)
Ante Munitić, Frane Mitrovic and Pančo Ristov ......................................................... 9

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Thursday, 17th April 2009

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Ante Munitic, Josko Dvornik, Marko Tomasevic and Pančo Ristov

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LUNCH BREAK

14.00 - 15.00

ROOM A - 14.00-15.00
MEDICAL APPLICATIONS
Chair: Leon Rothkrantz, Delft University of Technology, Delft, The Netherlands

APTEC_04
A Virtual Environment to create Social Situations: First Step to a Virtual Exposure Therapy System for Social Phobia
Willem-Paul Brinkman, Fatma Inan and Charles A.P.G. van der Mast

APTEC_05
Presence for VR Exposure Therapy through 3D Architectural Visualization
Ervin Sabadi, Willem-Paul Brinkman and Charles A.P.G. van der Mast

ROOM B - 14.00-15.00
RISK MANAGEMENT AND ASSESSMENT SIMULATION
Chair: Hendrik Van Landeghem, Ghent University, Ghent, Belgium

FUBUTEC_03
Digital Technologies for Forest Fire Suppression: An Applied Step in Means Management
Yves Dumond

FUBUTEC_12
A Web Decision Support System for Gas Pipeline Risk Assessment
Andrzej Dietrich and Jakub Badowski


Thursday, 16th April 2009

15.00 - 15.30
COFFEE BREAK

15.45 - 16.30

SOCIAL PROGRAMME
A guided tour of the Canals of Bruges by Boat

19.30 - 23.00

19.30 – 23.00
FUBUTEC-ECEC-EUROMEDIA 2009 Conference Dinner

Huisbrouwerij Halve Maan
Walplein 26
8000 Bruges
Tel: +32.50 33 26 97
Fax: +32.50 34 59 35
Email: info@halvemaan.be
Friday, 17th April 2009

HALLWAY
Registration
09.00 - 09.30

09.00 – 10.00

ROOM A - 09.00-10.00
MULTIMEDIA STORYTELLING
Chair:

MEDIATEC_01
The making of an Interactive Digital Narrative – InStory
Helena Barbas and Nuno Correia .................................................................35

MEDIATEC_02
Record, Replay & Reflect: A Framework for understanding (serious) Game Play
Anton Eliëns and Zsófi Ruttkay .................................................................42

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COMPLEX SYSTEMS SIMULATION
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Daniel Castro Silva, Ricardo Silva, Luis Paulo Reis and Eugénio Oliveira..........35

FUBUTEC_04
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Peter Kvasnica and Igor Kvasnica .............................................................42

10.00 – 10.30
COFFEE BREAK
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10.30 - 12.00

ROOM A - 10.30-11.30
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Chair: Anton Eliens, Vrije Universiteit Amsterdam, Amsterdam, The Netherlands

COMTEC_01
A High Performance Interference Canceller with Narrow Input for Carrier Superposed Satellite Communication
Takehiro Ishiguro, Shoko Kuroda, Sho Tanaka, Ryusuke Miyamoto,
Takao Hara and Minoru Okada .................................................................117

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Mojca Ciglarič, Andrej Krevl and Matjaž Pančur ........................................122

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Chair: Danny Van Welden, KBC, Brussels, Belgium

FUBUTEC_11
Process Based management of Specific Grid Configurations: Verification of Changes
Irina Boyakchyan, Armen Kostanyan, Vardan Matevosyan,
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FUBUTEC_01
Mobile Agent Optimization Analysis of Least Time Approach Versus V-Agent
Faiz Al-Shrouf, Mohammed Eshtay and Aiman Turani...............................62

FUBUTEC_06
Tool Based Analytical Support for practical Professional Soccer Training
Pedro Abreu, Vasco Vinhas, Luis Reis, Pedro Mendes and Júlio Garganta ....68
Friday, 17th April 2009

12.30 - 12.45

ROOM A 12.00 - 12.15
Closing Session and Best Paper Award
Chairs: Danny Van Welden, KBC, Brussels Belgium

SEE YOU ALL NEXT YEAR AT FUBUTEC-ECEC-EUROMEDIA’2010
IN APRIL 2010
(exact dates will be posted before June 30)

UPV Gandia
Gandia, Spain

Proposals for workshops or special tracks can be sent in by June 30th of this year

Proposals for sites for this conference from 2011 can be sent to Philippe.Geril@eurosis.org
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 EUROSIS 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

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EUROSIS-ETI
Greenbridge NV
Wetenschapspark 1
Plassendale 1
B-8400 Ostend Belgium
Tel: +32.59.255330
Fax: +32.59.255339
Email: Philippe.Geril@eurosis.org

Please send me info on EUROSIS:
Name: ...............................................................................................................
Address: ...........................................................................................................
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Telephone ...........................................................................................................
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