

FINAL PROGRAM



18-20 April 2011



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Contents

Contents

General Information	4
Conference Location	4
Badges	4
Tickets.....	4
Registration	5
Conference Proceedings	5
Need Help?	5
Meeting Rooms	5
Social Event and Lunches	5
Best Paper Award	6
Room Legend	6
Notes	10
Quick Program Overview.....	7
Scientific Program	11
Monday, April 18.....	11
Tuesday, April 19.....	16
Wednesday, April 20	20
Conference Dinner.....	19
Conference Location	24
EUROSIS Info	25

General Information


1. Conference Location


The **ECEC-EUROMEDIA-FUBUTEC'2011 Conference** is being held

In the **MAIN BUILDING of BITE**
(Meeting Rooms will be signposted.)

[British Institute of Technology & E-commerce](#)

Avicenna House
258-262 Romford Road
London E7 9HZ
United Kingdom

 Tel: +44 (020) 8552 3071

 Fax: +44 (020) 8552 3546

The registration desk will be placed in the hallway on the ground floor **in the corridor to the left of the main institute entrance** from Monday morning April the 18th onwards, where registration will start at 08.30 and will end at 5.00 p.m. On Tuesday April 19th registration will be from 8.30 a.m. - 5.00 p.m. with Wednesday registration only from 8.30 a.m.- 9.00. 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:

By Underground and DLR

The nearest [underground station](#) is at Stratford which is serviced by the Jubilee and Central lines as well as the [DLR](#) and the Overground. From Stratford station, take either the 25 or 86 bus as described below.

By Taxi and Car

Avicenna House is near the junction of the A118 (Romford Road) and A114 (Woodgrange Road). It is 2 miles from the junction of the A118 and the A406.

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

General Information

Extra conference dinner	€ 50
Extra lunch ticket	€ 25

4. Registration

The ECEC-EUROMEDIA-FUBUTEC'2011 Registration Desk will be open for information and registration:

Monday, April 18..... 8.30 a.m. to 5.00 p. m.
Tuesday, April 19..... 8.30 a.m. to 5.00 p. m.
Wednesday, April 20..... 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 ECEC/FUBUTEC-EUROMEDIA 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 **ECEC-EUROMEDIA-FUBUTEC'2011**)

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

FUBUTEC-ECEC'2011 Proceedings CASH AND CARRY	€ 40
EUROMEDIA'2011 Proceedings CASH AND CARRY	€ 30

6. Meeting Rooms

Next to the Crick Hall or **Opening Session Room**, which is designated **ROOM A (on the ground floor)**, the **other meeting room** (Executive Meeting Room) designated is **ROOM B (upstairs)** The way to the rooms will be signposted. WIFI-Internet will be available in the BITE library. Information at the conference desk.

7. Need Help?

Please see the conference desk for your questions

8. Social Event and Lunches

All registrants are invited to All Lunches which are served at the **BITE cafeteria** and **Coffee Breaks** are served **on the first floor just above the Crick Hall (ROOM A)**. Participants need to show their badge at the entrance of the cafeteria.

General Information

The Conference Dinner

All participants are invited to the conference dinner on **TUESDAY** the 19th of April at the **Maaroush V** restaurant in London. As we need to give an exact number of participants we would appreciate **your confirmation at the desk before Monday evening**.

We will envisage a bus to take the participants from and to their respective hotels to take them to the conference dinner site. Of course, you can also make your own way to the restaurant and meet up with us there at 8.00 p.m.

9. Room Legend

The parallel meeting rooms will be designated **ROOM A (Crick Hall) and B**. Signposts will indicate the way to each room.

10. 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 ECEC-FUBUTEC'2011 conference. There are none in the EUROMEDIA track.

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**

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>

MONDAY, 18th APRIL 2011

08.30-17.00	REGISTRATION	
09.30-10.00	OPENING SESSION AND WELCOME BY HASAN AL-SAEDY, CIPRIAN DOBRE AND LESLIE HOBSON	
10.00-10.30	COFFEE BREAK	
10.30-12.30	PARALLEL SESSIONS	
	ROOM A	ROOM B
	INFORMATION MANAGEMENT AND SECURITY	MEDIA CONTENT MANAGEMENT
12.30-13.30	LUNCH BREAK	
13.30-14.30	INVITED SPEAKER	
	ROOM A	ROOM B
	Information Security: Finding the right balance Fred Piper	
14.30-15.00	COFFEE BREAK	
15.00-18.00	PARALLEL SESSIONS	
	ROOM A	ROOM B
	BUSINESS INTELLIGENCE	MEDIA INTERPRETATION SYSTEMS
	FREE EVENING	

TUESDAY, 19th APRIL 2011

08.30-17.00	REGISTRATION	
09.00-10.00	INVITED SPEAKER	
	ROOM A	ROOM B
	Type and Limitations of Data Storage Hardware in Supporting Multimedia Platforms Des Mapps	
10.00-10.30	COFFEE BREAK	
10.30-12.30	PARALLEL SESSIONS	
	ROOM A	ROOM B
	FACTORY PLANNING AND CONTROL FOR SME	DATA TRANSFER ARCHITECTURES
12.30-13.30	LUNCH BREAK	
13.30-14.30	INVITED SPEAKER	
	ROOM A	ROOM B
	Simulation approaches for optimization in business and service systems Ilmed Kacem	
14.30-15.00	COFFEE BREAK	
15.00-17.30	PARALLEL SESSIONS	
	ROOM A	ROOM B
	FACTORY PLANNING AND AI APPLIED TO CONCURRENT ENGINEERING	MEDIA ON THE GO
20.00 – 23.00	CONFERENCE DINNER	

WEDNESDAY, 20th APRIL 2011

08.30-09.00	REGISTRATION	
09.00 10.00	INVITED SPEAKER	
	ROOM A	ROOM B
	The socio-economic impact of ultra high bandwidth of the internet network by 2020 Talib Alukaidey	
10.00-10.30	COFFEE BREAK	
10.30 12.00	PARALLEL SESSIONS	
	ROOM A	ROOM B
	FACTORY PLANNING AND DECISION SUPPORT	BACK-UP SESSION
12.00-12.15	CLOSING SESSION AND BEST PAPER AWARD ROOM A	

Notes

NOTES

Monday, 18th April 2011

HALLWAY GROUND FLOOR

Registration

08.30 - 17.00

MAIN HALL (ROOM A) GROUND FLOOR

09.30 – 10.00

**Opening ECEC-EUROMEDIA-FUBUTEC'2011 and
Welcome**

Welcome Address

Prof. Hasan Al-Saedy

BITE

EUROMEDIA'2011 General Conference Chair

Dr. Ciprian Dobre

POLITEHNICA University of Bucharest

ECEC-FUBUTEC'2011 General Conference Chair

Professor Leslie Hobson

Director of Research and Education

BITE

Welcome

Monday, 18th April 2011

10.00 - 10.30
COFFEE BREAK

10.30 – 12.30

ROOM A- 10.30-12.30



INFORMATION MANAGEMENT AND SECURITY

Chair: Hasan Al-Saedy, BITE, London, United Kingdom

ECEC_05_06

Industrial Information Site Mapping (PSM)

Janek Götze, Egon Müller, Andreas Rutsch
and Christian-Andreas Schumann..... 43

ECEC_04_4_6

Fractal Geometry and Information Management

Hamid Reza Dezfoulian, Mehrdad Garousi and Mehdi Garousi 46

FUB_BUS_02_RISK

Enhancing Workflow Security for Large Scale Distributed Systems

Florin Pop, Alexandru Corneliu Dreneau and Valentin Cristea..... 49

FUB_E_01

Electronic Service for Distributed Interaction in E-Government Environments

Nirvana Popescu, Decebal Popescu, Vlad Ciobanu and Florin Pop..... 54

ROOM B- 10.30-12.30



MEDIA CONTENT MANAGEMENT

Chair: Ahmad Alnami, BITE, London, United Kingdom

CLOUD_01

Narrative Bifurcation, Cloud Computing Interfaces and Hitchcock

Helena Barbas..... 5

APTEC_05

An Approach to learning by doing through User Creation of Learning Content

Danail Dochev, Gennady Agre and Radoslav Pavlov..... 9

Monday, 18th April 2011

WEBTEC_03

GAP4APE: a client-side system to enhance accessibility in the Web 2.0 era

Silvia Mirri, Paola Salomoni and Giorgia Cucchiarini 13

WEBTEC_01

Web-Based Learning Content Management System of Power Electronics

Valery Vodovozov and Zoja Raud 21

12.30 - 13.30

LUNCH BREAK

13.30 – 14.30

ROOM A: 13.30 – 14.30

INVITED SPEECH

Chair: Hasan Al-Saedy, BITE, London, United Kingdom



Information Security: Finding the right balance

Professor Fred Piper, Royal Holloway, University of London, Egham, United Kingdom

15.00 - 15.30

COFFEE BREAK

Monday, 18th April 2011

15.00 - 18.00

ROOM A- 15.00-17.30
BUSINESS INTELLIGENCE
Chair: Ciprian Dobre, POLITEHNICA Univ. of Bucharest, Romania



FUB_DATA_02
Modeling of Standards and the Open World Assumption
Mihnea Muraru, Alexandru Agache, Matei Popovici and Ciprian Dobre 5

FUB_DATA_01
Data Mining Approach for Analyzing Student Profiles to improve the University Marketing Policy
Dorina Kabakchieva and Kamelia Stefanova..... 17

ECEC_16_1
Formulation of hybrid methodology to develop a Management System based on Business Intelligence to support decisions making in Restaurants (SGR)
Ginna Largo Ordoñez 22

ECEC_11_6
A Business Intelligence Solution for Public Transportation Sector
Paulo Sampaio, Guilherme Pereira, Maria Sameiro Carvalho, José Telhada, António Paisana, Paulo Paixão and Albertino Fonseca..... 27

FUB_BUS_03
Petri Net Based Simulation for SPI
Jan Kožusznik, Svatopluk Štolfa, David Ježek and Štěpán Kuchař..... 33

ROOM B- 15.00-17.00
MEDIA INTERPRETATION SYSTEMS
Chair: Paul Jorge Gonçalves, IP de Castelo Branco, Portugal



APTEC_02
Biometric Passport Border Security and Holder Privacy: Issues and Recommendations
Hasan Alsaedy and Gilles Richard 55

Monday, 18th April 2011

APTEC_03

Automatic face analysis for affect recognition

Dragoş Datcu, Mirela Popa and Léon J. M. Rothkrantz..... 58

ECEC_W_02_MEDIA

A Semi-Automatic System for Posture Risk Assessment

Paulo J. S. Gonçalves and Nuno O. G. Fernandes 64

MEDI_01

3-D Surface Registration of Ultrasound to CT-Bone Images

Pedro M. B. Torres, Paulo J. S. Gonçalves and Jorge M. M. Martins..... 70

FREE EVENING

Tuesday, 19th April 2011

HALLWAY GROUND FLOOR

Registration

08.30 - 17.00

09.00 – 10.00

ROOM A: 09.00 – 10.00

INVITED SPEECH

Chair: Hasan Al-Saedy, BITE, London, United Kingdom



Type and Limitations of Data Storage Hardware in Supporting Multimedia Platforms

Des Mapps, University of Plymouth, Plymouth, United Kingdom

10.00 - 10.30

COFFEE BREAK

10.30 - 12.30

ROOM A- 10.30-12.30

FACTORY PLANNING AND CONTROL FOR SME

Chair: Paul Jorge Gonçalves, IP de Castelo Branco, Portugal



FUB_BUS_01

A Simulation based Experiment about irrational Choices in Business

Emmanuel Dion 11

Tuesday, 19th April 2011

ECEC_W_03

Quality, Innovation and Performance: an Exploratory Study

António Fernandes and Luís Lourenço..... 103

ECEC_10_8

GT for CE: Operating Group Technology for Team Formation in Concurrent Engineering

Esra Aleisa, Nallan C Suresh and Li Lin.....109

ECEC_W_01

An Overview of Negotiation Models for Activity-Travel Applications

Nuno O. Fernandes and S. Carmo-Silva 117

ROOM B- 10.30-11.30

DATA TRANSFER ARCHITECTURES

Chair: Faruk Alavi, BITE, London, United Kingdom



COMTEC_01

PIDS for Congestion Control in Internet using OPNET

Teresa Álvarez, Virginia Álvarez, Lourdes Nicolás and Anuar Salim..... 27

FUB_DATA_03

A Multicast Streaming Architecture based on a Balanced Peer-to-Peer Tree Overlay

Cristian Petruț Ene, Eliana-Dina Tîrșă, Mugurel Ionuț Andreica and Nicolae Țăpuș..... 30

12.30 - 14.00

LUNCH BREAK

13.30 - 14.30

ROOM A: 13.30 – 14.30

INVITED SPEECH

Chair: Hasan Al-Saedy, BITE, London, United Kingdom

Tuesday, 19th April 2011



Simulation approaches for optimization in business and service systems
Imed Kacem, Paul Verlaine University, Metz, France

14.30 - 15.00
COFFEE BREAK

15.00 - 17.30

ROOM A- 15.00-17.30
FACTORY PLANNING AND AI APPLIED TO CONCURRENT ENGINEERING
Chair: Guilherme Pereira, University of Minho, Guimeraes, Portugal



ECEC_01_4_6
Building a Stochastic Inventory Model for Deteriorating Items with Service Level Constraint using Simulation Modeling
 Hamidreza Eskandari, Mohammadmahdi Alizadeh, Seyed M. Sajadifar and Afrouz Ghaemi..... 129

ECEC_13_7
An Evolutionary Algorithm with active Plans for the RCPSP
José A. Oliveira, Luís S. Dias and Guilherme Pereira 90

ECEC_14_7
A Genetic Algorithm for Project Scheduling in Activity Networks under resource Complementary
 Helder Silva, José Oliveira and Anabela Tereso 95

ECEC_12_7
Simulation as a Decision Support Tool in Maintenance Float Systems
Francisco Peito, Guilherme Pereira, Armando Leitão and Luis Dias 68

Tuesday, 19th April 2011

ECEC_15_7

A Decision Support System for Flexible Transportation System

Ana Dias, José Telhada and Maria Sameiro Carvalho 75

ROOM B- 15.00-16.00

MEDIA ON THE GO

Chair: Dragos Datcu, National Defense Academy, The Netherlands



APTEC_01

Mobile Advertisement in Vehicular Ad-Hoc Networks

Ciprian Dobre and George Cristian Tudor 43

MEDIATEC_01

Spot – Collaborative Creation of Location Bound Time Lapse Videos


Britta Weiland and Arnd Steinmetz 50


CONFERENCE DINNER – 20.00 -23.00

The conference dinner will be held at the following restaurant



Maaroush V
4 Vere Street,
London W1G 0DG

 Tel: 020 7493 3030

 Fax: 020 7493 9330

 mail@maroush.com

We envisage a bus to take the participants from their respective hotels to and from the conference dinner. If you wish to make your own way to the restaurant then you will find a location map at the back of this programme. More information about the bus will be available at the conference.

Wednesday, 20th April 2011

HALLWAY GROUND FLOOR

Registration

08.30 - 09.00

09.00 – 10.00

ROOM A: 09.00 – 10.00

INVITED SPEECH

Chair: Hasan Al-Saedy, BITE, London, United Kingdom



The socio-economic impact of ultra high bandwidth of the internet network by 2020

Professor Talib Alukaidey, University of Hertfordshire, College Lane Campus Hatfield, United Kingdom

10.00 - 10.30

COFFEE BREAK

10.30 - 12.30

ROOM A- 10.30-12.00

DECISION SUPPORT

Chair: Hasan Al-Saedy, BITE, London, United Kingdom



ECEC_06_6

Representation of Uncertainty in Distributed Product Development

Andre Sprenger, Lucia Mosch, Kai Mecke and Reiner Anderl..... 83

Wednesday, 20th April 2011

ECEC_07_10

IT-Based Systems Approach to engage Patients in medical Error reporting in Concurrence with Staff

Ranjit Singh, Ashok Singh and Gurdev Singh 63

ECEC_02_9

Location of Inspection Stations in Multistage Manufacturing Processes

Ali G. Shetwan and Valentin I. Vitanov 121

ROOM B- 10.30-12.00

BACK-UP

BACK-UP SESSION

Chair: TBA

This session is set up for those authors who are unable through circumstances beyond their control to give their presentation in the allotted time slot. If there are any presentations in this session they will be posted at the conference on the conference notice board.

ROOM A 12.00 - 12.15

BEST PAPER

CLOSING SESSION AND BEST PAPER AWARD

Chair: Hasan Al-Saedy, BITE, London, United Kingdom

Conference Site 2012



SEE YOU ALL

**APRIL 2012
FOR
FUBUTEC'2012
ECEC'2012
And
EUROMEDIA'2012**

Bucharest, Romania

**Track proposals and tutorial proposals can be sent in by
July 30th, 2011**


**Information on all 2012 EUROSIS
Events can be found on
<http://www.eurosis.org>**


Conference Hotels

If you wish to contact other participants at their hotel, here is the respective hotel information.

[Holiday Inn Express Hotel London-Stratford](#)


Stratford London
196 High Street
London E15 2NE,
United Kingdom

 Tel: +44 20 8536 8000

 Fax: +44 20 8536 8036

[Hotel Ibis London Stratford](#)


1A Romford Road Stratford
E15 4LJ, London
United Kingdom


 Tel: +44 208 5363700

 Fax: +44 208 5195161

[Newham Hotel](#)


349 – 353 Romford Road
Forest Gate
E7 8AA London
United Kingdom

 Tel: +44 020 8534 8400

 Fax: +44 020 8534 8400

[Viking Hotel](#)


162 Romford Rd
London E15 4LD
United Kingdom

 Tel: +44 20 8534 7861

 Fax: +44 20 8503 0863

[Forest Gate Hotel](#)

105 Godwin Rd,
E7 0LW, London
United Kingdom

 Tel: +44 20 8279 9258

Conference Dinner Map

Conference Dinner Map



If you wish to make your own way to the restaurant on the 19th of April then this is the location.

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 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

Philippe Geril
EUROSIS-ETI
Greenbridge NV
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: