



# **Second European Business Intelligence Summer School (eBISS 2012)**

July 15 - 21, 2012

Brussels, Belgium

<http://cs.ulb.ac.be/conferences/ebiss2012/>

Organized by



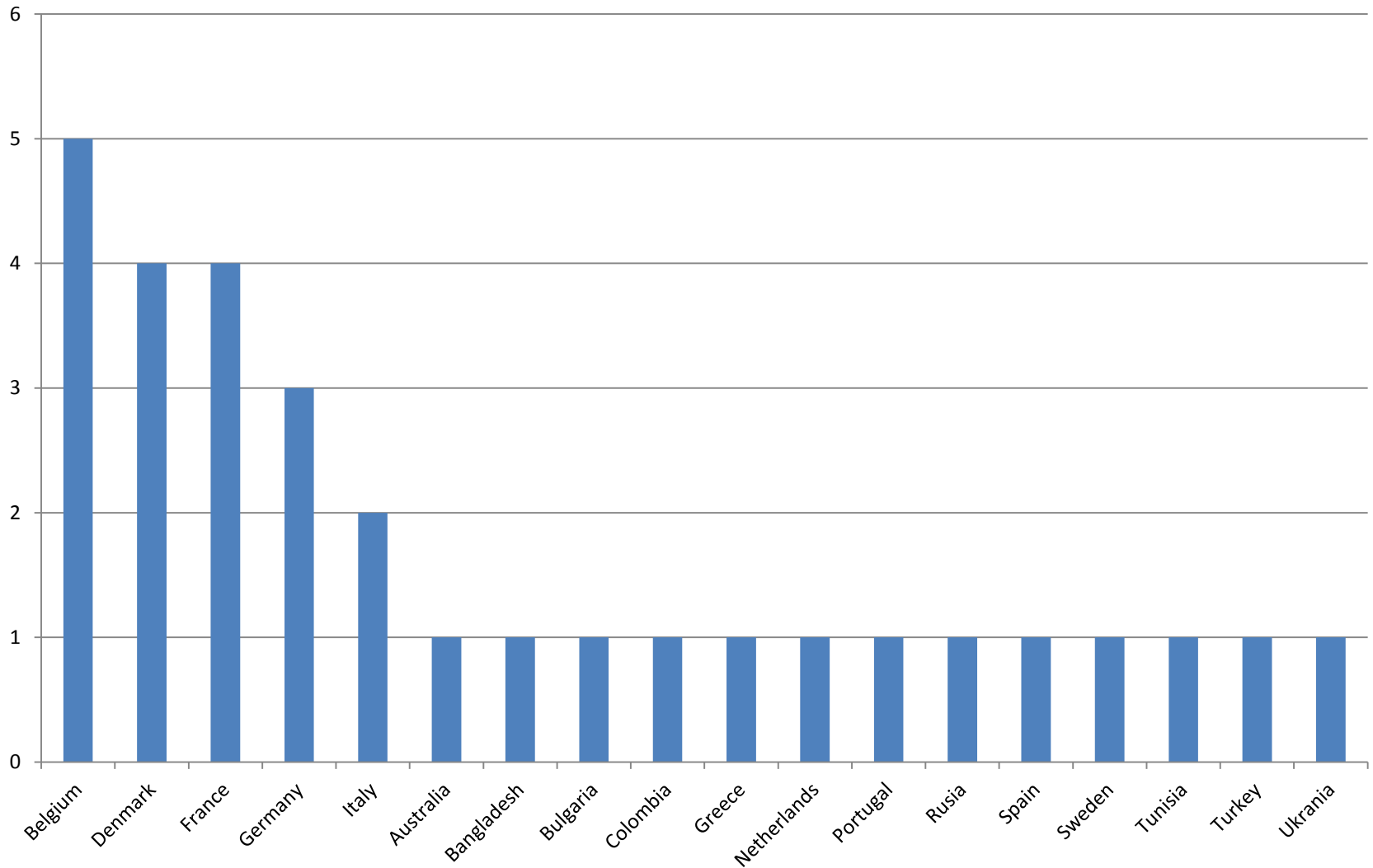
# Rationale

- Presented by leading researchers in the field
- Important involvement of industry
- Goal: try to explore together how the BI domain will evolve in the forthcoming years
- A high ratio between tutors (10) and participants (35) to enable “community building” in the BI domain
- Technical and social aspects are equally important

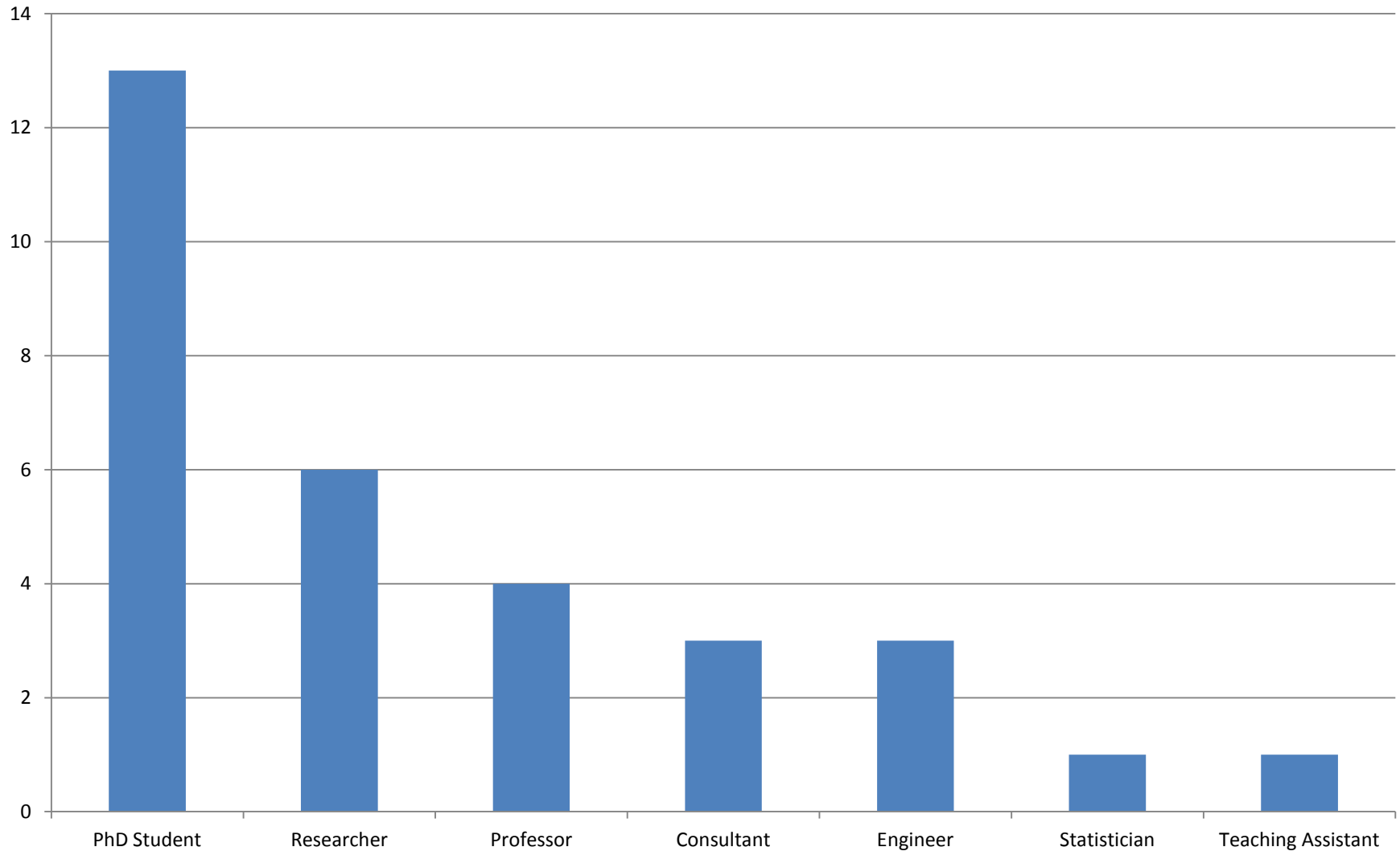
# Program

	Sunday, July 15 Arrival	Monday, July 16 Foundations	Tuesday, July 17 Knowledge Discovery	Wednesday, July 18 Large Scale	Thursday, July 19 Decision Support	Friday, July 20 Industrial Presentations
08:30 - 09:00		<b>Welcome Session</b> Esteban Zimányi Marie-Aude Aufaure				
09:00 - 10:30		<b>Managing Complex Multidimensional Data</b> Torben Bach Pedersen Aalborg University	<b>Knowledge Discovery from Constrained Relational Data</b> Marcus Spies Ludwig-Maximilians University	<b>Computational Intelligence Methods for Time Series Prediction</b> Gianluca Bontempi Université Libre de Bruxelles	<b>An Introduction to Multicriteria Decision Aid: The PROMETHEE and GAIA Methods</b> Yves De Smet Université Libre de Bruxelles	<b>Insights in Business Semantics Management</b> Christophe Debruyne Pieter De Leenheer
10:30 - 11:00		Coffee break				
11:00 - 12:30		<b>Managing Complex Multidimensional Data</b> Torben Bach Pedersen Aalborg University	<b>Knowledge Discovery from Constrained Relational Data</b> Marcus Spies Ludwig-Maximilians University	<b>Computational Intelligence Methods for Time Series Prediction</b> Gianluca Bontempi Université Libre de Bruxelles	<b>An Introduction to Multicriteria Decision Aid: The PROMETHEE and GAIA Methods</b> Yves De Smet Université Libre de Bruxelles	<b>Insights in Business Semantics Management</b> Christophe Debruyne Pieter De Leenheer
12:30 - 14:00		Lunch				
14:00 - 15:30		<b>An Introduction of Business Process Modeling</b> Alejandro Vaisman Université Libre de Bruxelles	<b>Harvesting Knowledge for Business Intelligence</b> Nesrine Ben Mustapha Ecole Centrale de Paris	<b>Big Data Analytics on Modern Hardware Architectures</b> Michael Saecker Technische Universität Berlin	<b>Visualizing and Exploring Complex Multidimensional Data</b> Jean-Daniel Fekete INRIA	<b>Large Graph Data Mining and Data Warehousing</b> Sabri Skhiri Euranova
15:30 - 16:00		Coffee break				
16:00 - 17:30		<b>A Survey of Business Process Modeling</b> Alejandro Vaisman Université Libre de Bruxelles	<b>Harvesting Knowledge for Business Intelligence</b> Nesrine Ben Mustapha Ecole Centrale de Paris	<b>Big Data Analytics on Modern Hardware Architectures</b> Michael Saecker Technische Universität Berlin	<b>Visualizing and Exploring Complex Multidimensional Data</b> Jean-Daniel Fekete INRIA	<b>Large Graph Data Mining and Data Warehousing</b> Sabri Skhiri Euranova
17:30 - 19:00	Registration	Poster Presentation	Poster Presentation			Closing Event
19:30 - 22:30	Get Together Event				Banquet	

# Participants by Country



# Participants by Position



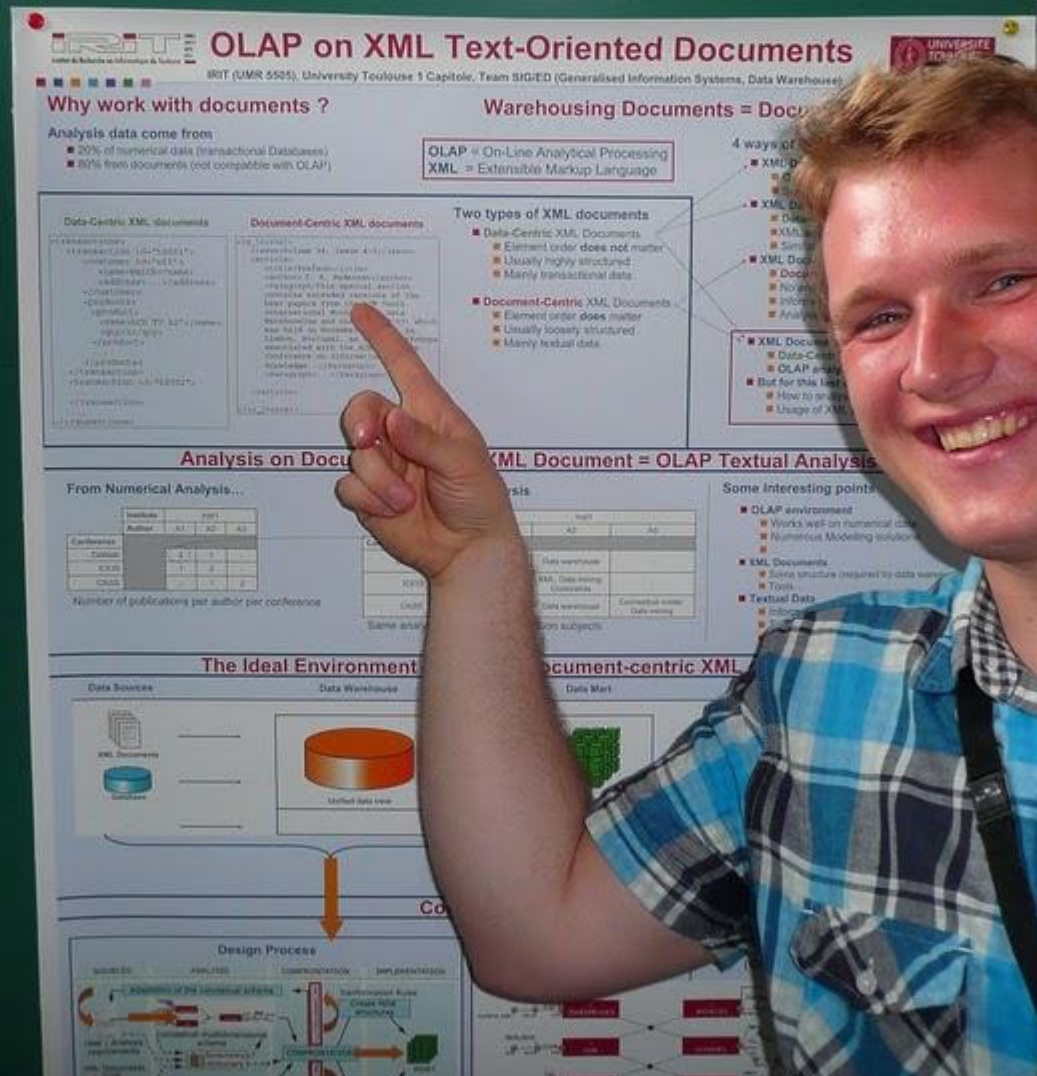
# Tutors

- Academia (9): France, Germany, Denmark, Belgium
- Industry(2): Belgium, Netherlands
- We knew each other in the research domain: scientific conferences, EU projects ...
- Now reflecting on how to teach BI, how to develop BI curricula
- This summer school is one element in this reflection



<http://cs.ulb.ac.be/conferences/ebiss2011/>



























**Esteban Zimanyi**  
Modifier mon profil

Fil d'actualité

Messages

Évènements

Amis

8

2

**First European B...**

Danseurs

The goodies

Créer un groupe...

Afficher tout

Applications

Questions

Plus ▾



## First European Business Intelligence Summer School (eBTSS)

\* Modifier les paramètres

Effectuer une recherche dans ce groupe

Groupe « ouvert » — ebiss@groups.facebook.com

Publier : Sur le mur Lien Photo Vidéo Question

Exprimez-vous



Nicolas Kuchmann Beauger a ajouté **Umaisr Ul Hassan**.

Il y a environ une heure · J'aime · Commenter · Abonnement



**Victoria Nebot Romero** et **fengdavy** ont été ajouté(e)s par Esteban Zimanyi.



Il y a 2 heures · J'aime · Commenter · Annuler l'abonnement



**Gary Verhaegen**

Dan Pink : <http://www.youtube.com/watch?v=u6XAPnuFjJc>



**RSA Animate - Drive: The surprising truth about what motivates us**  
[www.youtube.com](http://www.youtube.com)

\*\*This video has just been nominated for a Webby Award in the Animation category. \*\* Please vote for us and help us win. [webby.aol.com/media\\_types/online-film...](http://webby.aol.com/media_types/online-film...)

Il y a 2 heures · J'aime · Commenter · Abonnement

### Membres (23)

Afficher tout



Ajouter des amis au groupe

Discuter avec le groupe

Créer un document

Créer un évènement

Afficher les photos

Modifier le groupe

Quitter le groupe

### Membres que vous connaissez peut-être



**Victoria Nebot Romero**

Ajouter comme ami(e)

<http://www.facebook.com/groups/ebiss>



# Related Activities



IT4BI Home

## Home

### Background & Objectives

Since its inception 20 years ago, Business Intelligence (BI) has become a huge industrial domain and a major economic driver, however overlooked by academics. It encompasses many scientific and technological fields including data warehouses, data mining, content analytics, business process management, visual analytics, and requires competences in information systems, web science, decision science, software engineering, and innovation and entrepreneurship. The **Erasmus Mundus** Master's Programme in **Information Technologies for Business Intelligence (IT4BI)** is designed to provide understanding, knowledge and skills in this broad scope of fields. Its main objective is to train computer scientists who understand and help develop the strategies of modern enterprise decision makers.

### Presentation & Structure

The programme favours the integration of students into a network of specialists and researchers in BI. The curriculum is jointly delivered by Université Libre de Bruxelles (ULB) in Belgium, Université François Rabelais Tours (UFRT) in France, Ecole Centrale Paris (ECP) in France, Universitat Politècnica de Catalunya (UPC) in Spain, and Technische Universität Berlin (TUB) in Germany. Scholars from academic partners around the world and partners from leading industries in BI, private R&D companies, service companies, public research institutes, and public authorities will contribute to the programme by training students, providing computers, software, course material, job placement or internship perspectives, as well as financial support. This consortium will prepare the graduates not only to answer today's professional challenges by a strong connection with the needs coming from the industry, but also to pursue their studies into doctorate programs, through strong connections with the researchers' and innovators' views.

#### News

##### Student guide online

IT4BI student guide is online, to download it, visit the facilities and support services page.

##### Applications for 2013-2015

Applications for 2012-2014 are closed after June 30th, 2012. There will be a new application session for 2013-2015, starting from September 1st, 2012.

##### IT4BI invites scholars

Scholars are invited to contribute to IT4BI.

For more information on the application procedure please consult the scholars page.

##### Academic calendar for year 2012-2013

The academic calendar for year 2012-2013 is on line. Please consult the academic calendar page.

[More news...](#)

#### Shortcut to

The [online application form](#)

The [FAQ](#)

The [flyer](#)

<http://it4bi.univ-tours.fr/>

# EM Master IT4BI: Mobility

1<sup>st</sup> semester

BI Fundamentals 1  
ULB (BE)

2<sup>nd</sup> semester

BI Fundamentals 2  
UFRT (FR)

Intermediate event

European BI Summer School (eBISS)  
Organised annually by one partner institution

3<sup>rd</sup> semester  
Specialisation

Decision-Support & BI  
ECP (FR)

Service-Oriented BI  
UPC (ES)

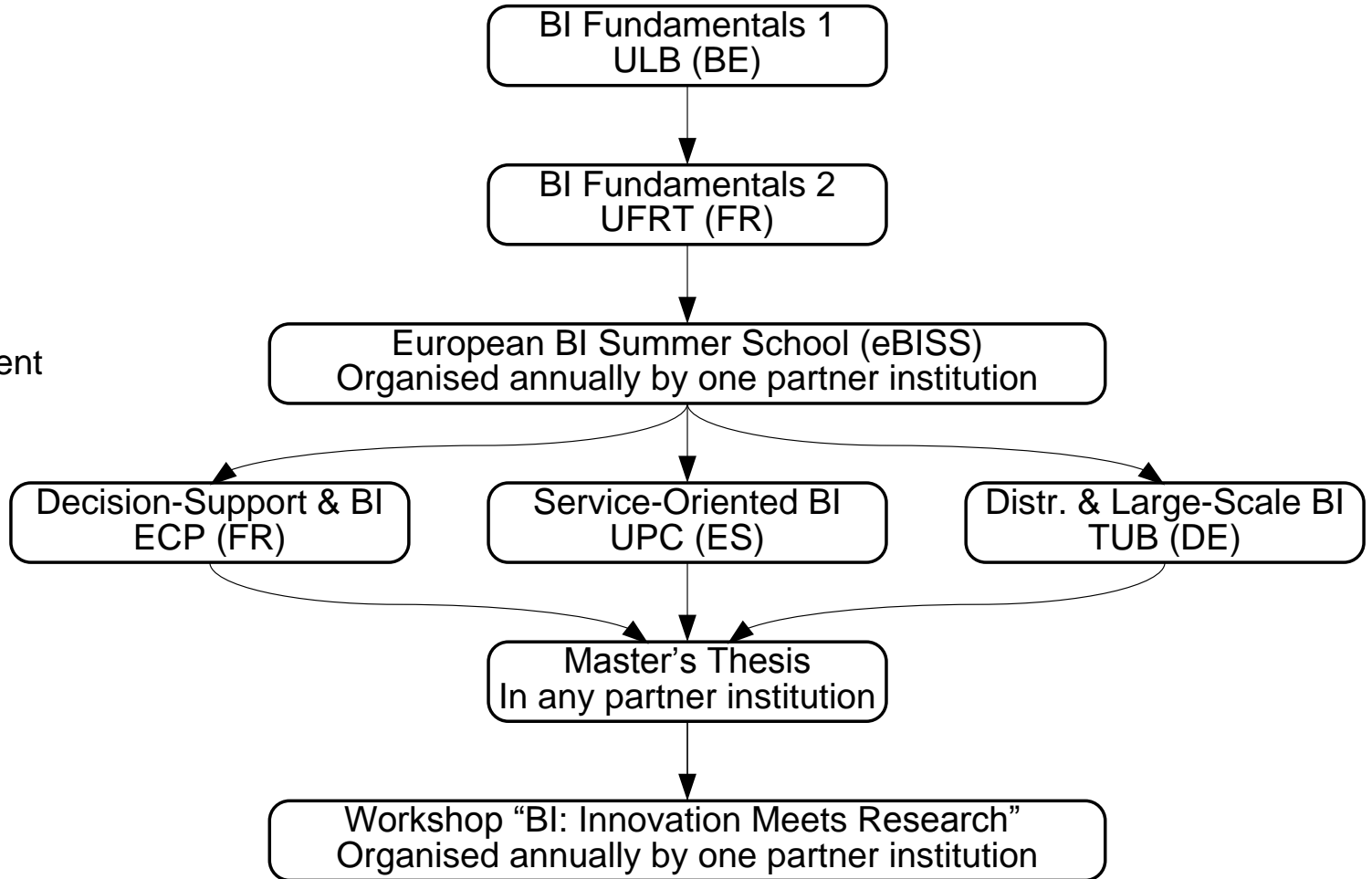
Distr. & Large-Scale BI  
TUB (DE)

4<sup>th</sup> semester

Master's Thesis  
In any partner institution

Final event

Workshop "BI: Innovation Meets Research"  
Organised annually by one partner institution



# EM Joint Doctorate IT4BI-DC



IT4BI-DC

Erasmus Mundus Joint Doctorate on Information Technologies for Business Intelligence

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## IT4BI-DC

IT4BIDC is a **world-class Erasmus Mundus Joint Doctoral Programme** offered by a consortium of internationally recognised European universities:

- [Université Libre de Bruxelles](#) (ULB), coordinator
- [Aalborg Universitet](#) (AAU)
- [Technische Universität Dresden](#) (TUD)
- [Universidad Politécnica de Catalunya](#) (UPC)
- [Poznań University of Technology](#) (PUT)

IT4BI-DC offers a fully integrated three-year doctoral programme focusing on Business Intelligence with a special emphasis on applied research and joint supervision.

Joint research is realized in collaboration with leading research and industry organisations in Europe, North America, South America, Asia, Africa, and Australia.

The programme offers attractive EU Fellowships.

Subscribe to receive updated news about IT4BI-DC!

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<http://it4bi-dc.ulb.ac.be/>

**MORE  
Business  
Intelligence**

**Florence  
2012**

2nd International Workshop on  
Modeling and Reasoning for Business Intelligence (MORE BI).  
MORE BI is collocated with the 31st International Conference on  
Conceptual Modeling (ER 2012) Florence, Italy



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## Overview

MORE Business Intelligence Workshops will bring together researchers in conceptual modeling, ontology engineering, knowledge representation, and reasoning with business analysts, developers, managers, and consultants involved in the definition of requirements for, development, use, and evolution of Business Intelligence systems.

The workshop is the first of its kind to provide a forum for both research and practice in the conceptual modeling and reasoning needed for the engineering of Business Intelligence systems, and encourages interdisciplinary discussions in all aspects of this field.

### Location

Florence, Italy

### Date and time

MORE-BI 2012 will be held on one full day between, and including 15th to 19th October 2012.

Date will be announced on this website.

<http://morebusinessintelligence.com/>



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Leibniz-Zentrum für Informatik



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( <http://www.dagstuhl.de/11361> )

**04.09.11 - 09.09.11, Seminar 11361**

## Data Warehousing: from Occasional OLAP to Real-time Business Intelligence

### Organizers

**Umeshwar Dayal** (HP - Palo Alto, US)

**Markus Schneider** (University of Florida - Gainesville, US)

**Gottfried Vossen** (Universität Münster, DE)

**Esteban Zimanyi** (Université Libre de Bruxelles, BE)

### For support, please contact

**Simone Schilke** for administrative aspects

**Roswitha Bardohl** for scientific aspects

### Documents

**Seminar Schedule** ([Upload here](#))

(Use seminar number and access code to log in)

### Book exhibition

🔗 **Books from the participants of the current Seminar**

Book exhibition in the **library**, 1st floor, during the seminar week.

### Documentation

In the series **Dagstuhl Reports** each Dagstuhl Seminar and Dagstuhl Perspectives Workshop is documented. The **seminar organizers**, in cooperation with the **collector**, prepare a report that includes contributions from the **participants' talks** together with a summary of the seminar.

Download 📄 **overview leaflet** (PDF).

### Publications

Seminar participants may publish preprints within the scope of the **seminar documentation** as part of the **Dagstuhl Preprint Archive**.

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### Journal on Data Semantics

Concepts and Ideas for Building Knowledgeable Systems

Main editor: E. Zimanyi

ISSN: 1861-2032 (print version)

ISSN: 1861-2040 (electronic version)

Journal no. 13740

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# See You Next Year



- <http://cs.ulb.ac.be/conferences/ebiss2013/>
- Organized by

