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PARIS

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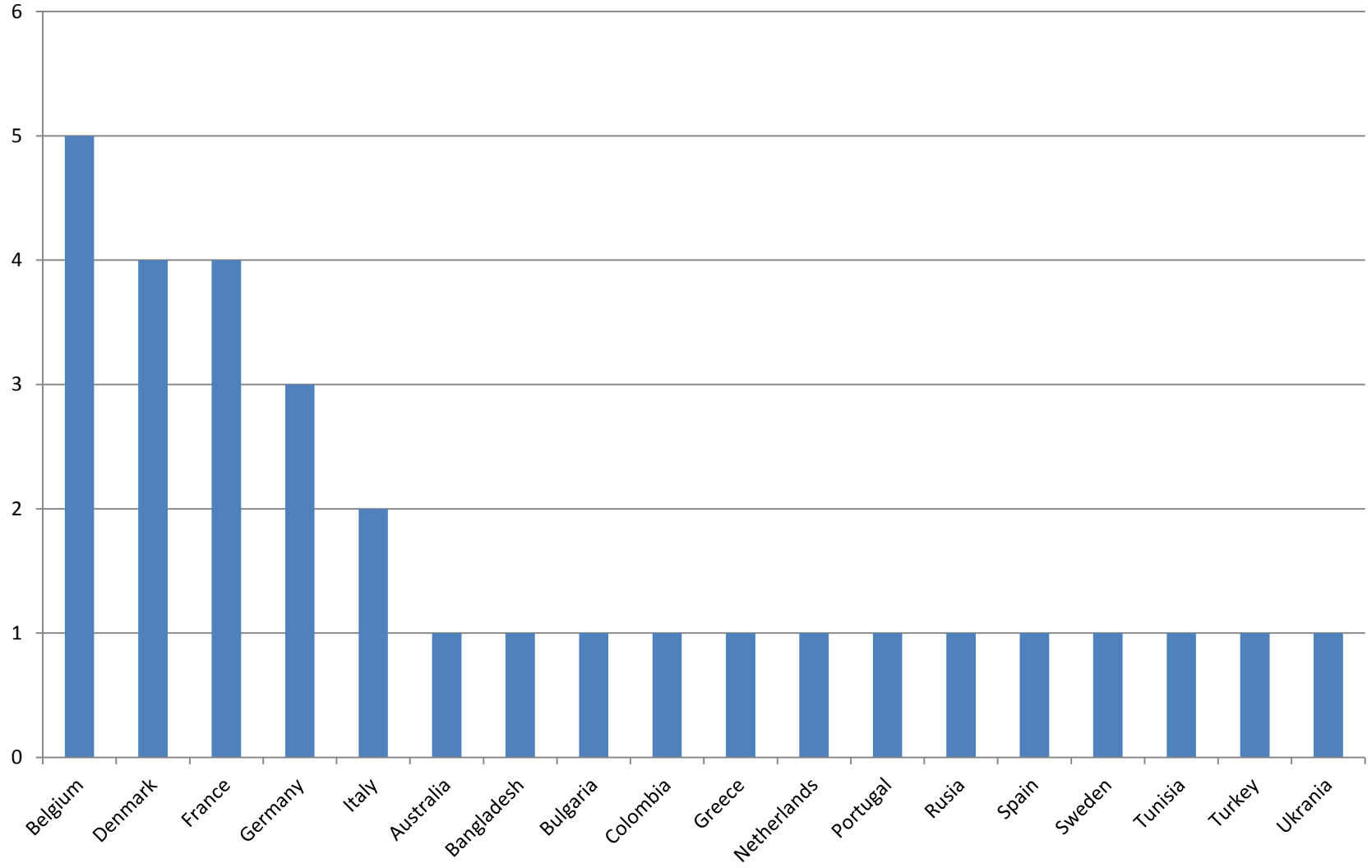
Rationale

- 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

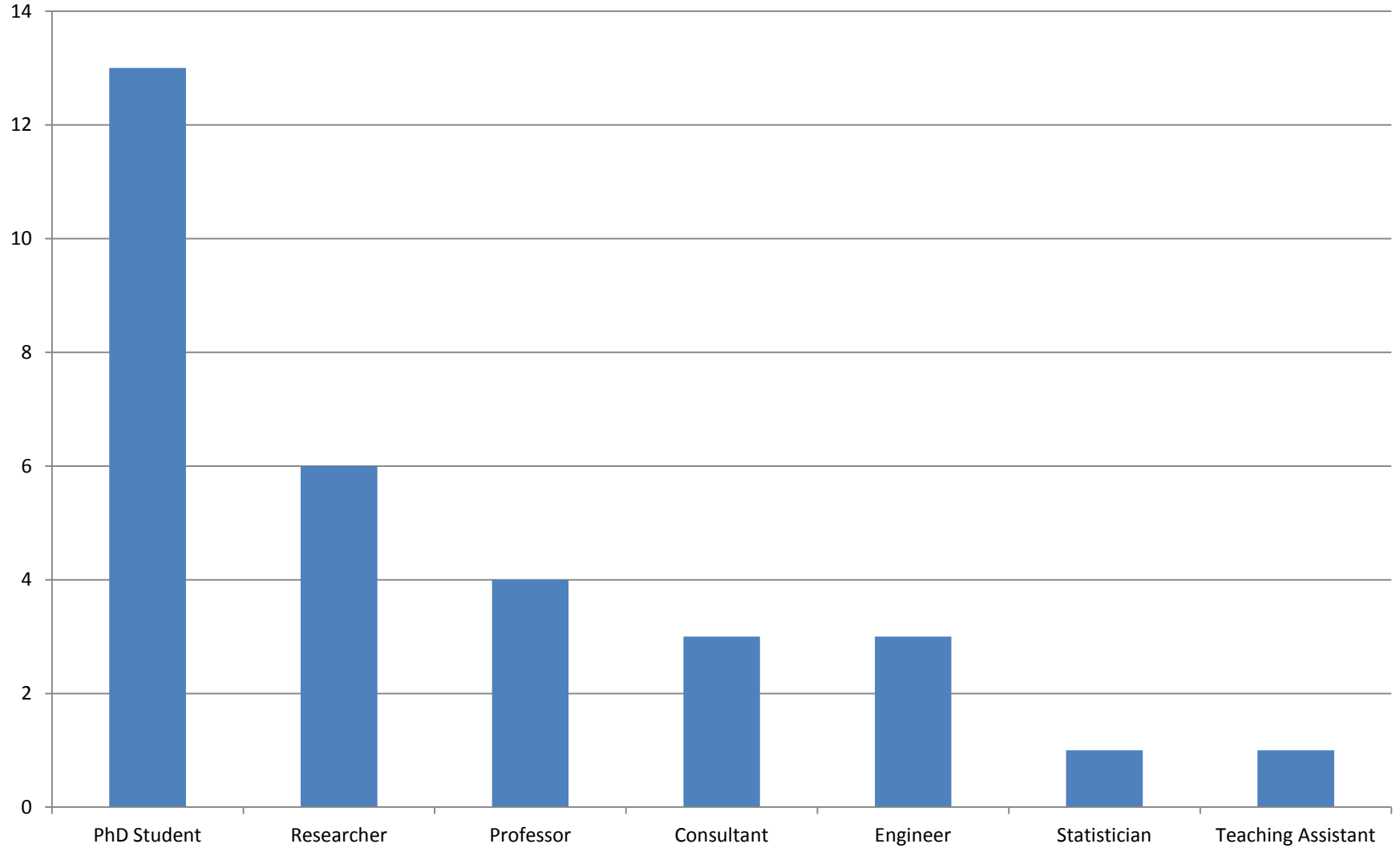
Program

	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		**Welcome Session** Esteban Zimányi Marie-Aude Aufaure				
09:00 - 10:30		**Managing Complex Multidimensional Data** Torben Bach Pedersen Aalborg University	**Knowledge Discovery from Constrained Relational Data** Marcus Spies Ludwig-Maximilians University	**Computational Intelligence Methods for Time Series Prediction** Gianluca Bontempi Université Libre de Bruxelles	**An Introduction to Multicriteria Decision Aid: The PROMETHEE and GAIA Methods** Yves De Smet Université Libre de Bruxelles	**Insights in Business Semantics Management** Christophe Debruyne Pieter De Leenheer
10:30 - 11:00		**Coffee break**				
11:00 - 12:30		**Managing Complex Multidimensional Data** Torben Bach Pedersen Aalborg University	**Knowledge Discovery from Constrained Relational Data** Marcus Spies Ludwig-Maximilians University	**Computational Intelligence Methods for Time Series Prediction** Gianluca Bontempi Université Libre de Bruxelles	**An Introduction to Multicriteria Decision Aid: The PROMETHEE and GAIA Methods** Yves De Smet Université Libre de Bruxelles	**Insights in Business Semantics Management** Christophe Debruyne Pieter De Leenheer
12:30 - 14:00		**Lunch**				
14:00 - 15:30		**An Introduction of Business Process Modeling** Alejandro Vaisman Université Libre de Bruxelles	**Harvesting Knowledge for Business Intelligence** Nesrine Ben Mustapha Ecole Centrale de Paris	**Big Data Analytics on Modern Hardware Architectures** Michael Saecker Technische Universität Berlin	**Visualizing and Exploring Complex Multidimensional Data** Jean-Daniel Fekete INRIA	**Large Graph Data Mining and Data Warehousing** Sabri Skhiri Euranova
15:30 - 16:00		**Coffee break**				
16:00 - 17:30		**A Survey of Business Process Modeling** Alejandro Vaisman Université Libre de Bruxelles	**Harvesting Knowledge for Business Intelligence** Nesrine Ben Mustapha Ecole Centrale de Paris	**Big Data Analytics on Modern Hardware Architectures** Michael Saecker Technische Universität Berlin	**Visualizing and Exploring Complex Multidimensional Data** Jean-Daniel Fekete INRIA	**Large Graph Data Mining and Data Warehousing** 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

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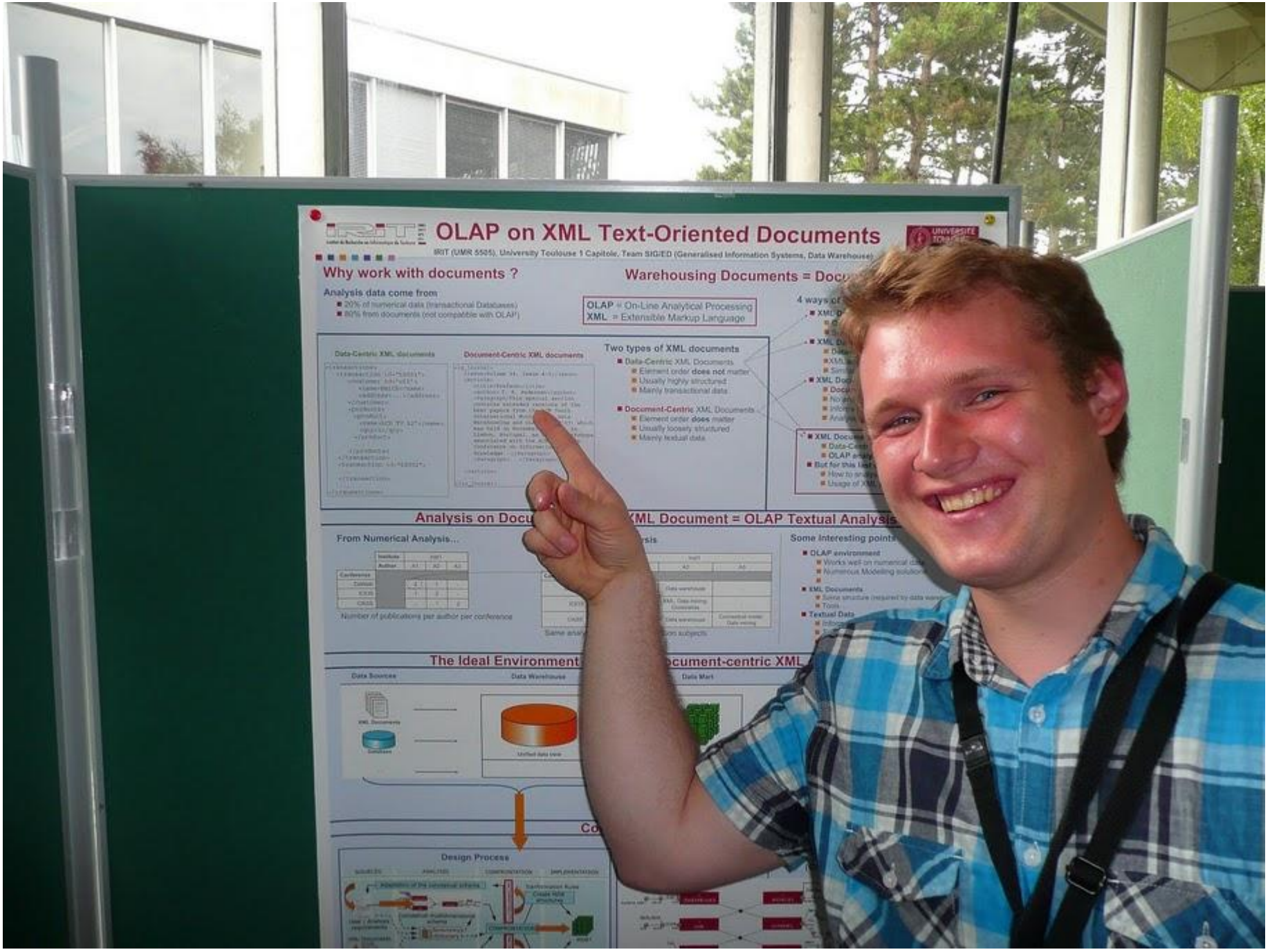
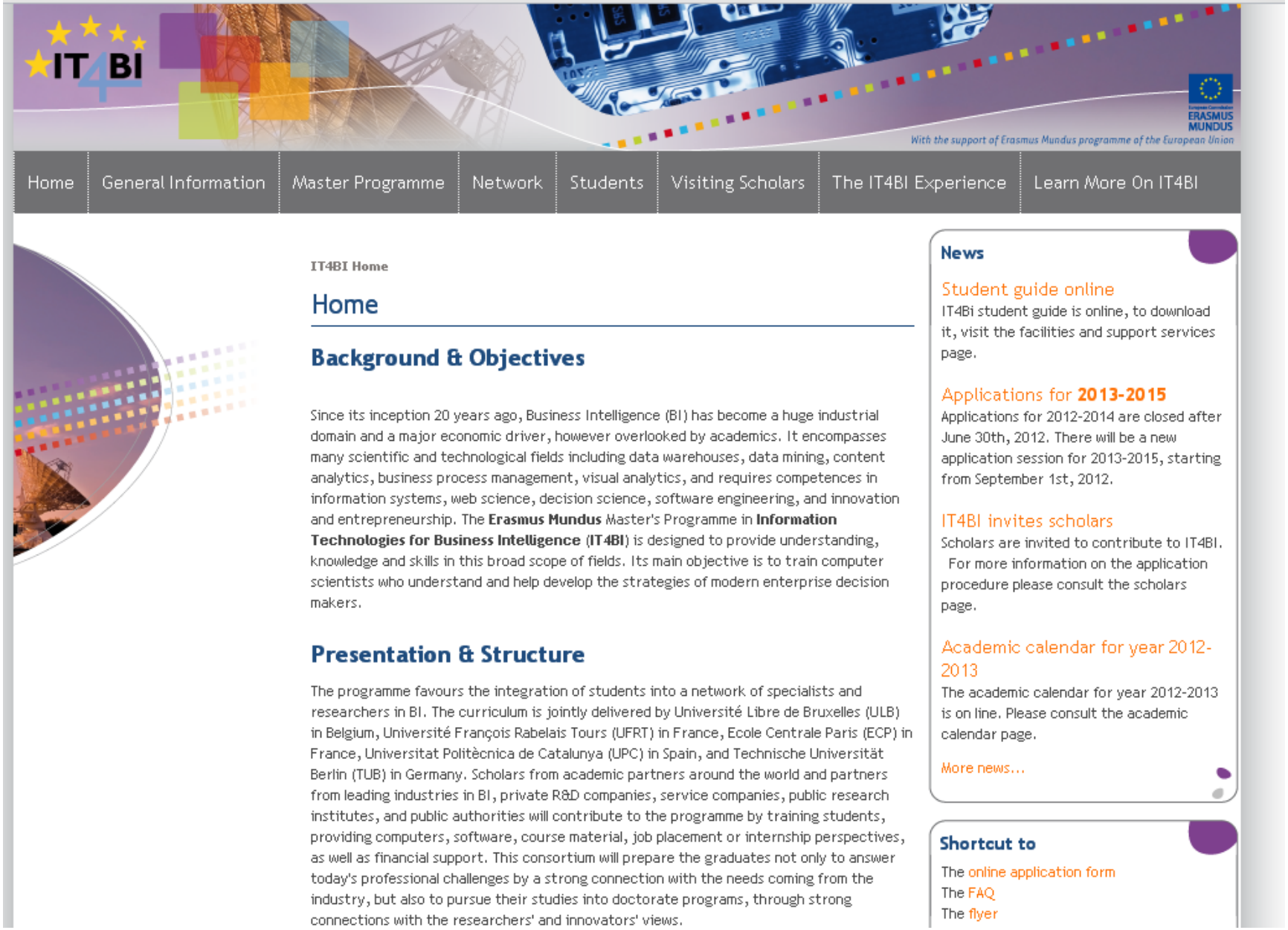

OLAP on XML Text-Oriented Documents
IRIT (UMR 5505), University Toulouse 1 Capitole, Team SIG/ED (Generalised Information Systems, Data Warehouses)
Why work with documents ?
Analysis data come from
20% of numerical data (transactional Databases)
80% from documents (not compatible with OLAP)
OLAP = On-Line Analytical Processing
XML = Extensible Markup Language
Data-Centric XML documents
Document-Centric XML documents
Two types of XML documents
Data-Centric XML Documents
Element order does not matter
Usually highly structured
Mainly transactional data
Document-Centric XML Documents
Element order does matter
Usually loosely structured
Mainly textual data
From Numerical Analysis...
Number of publications per author per conference
Some interesting points
OLAP environment
XML Documents
Textual Data
The Ideal Environment
Data Sources
Data Warehouse
Data Mart
Design Process

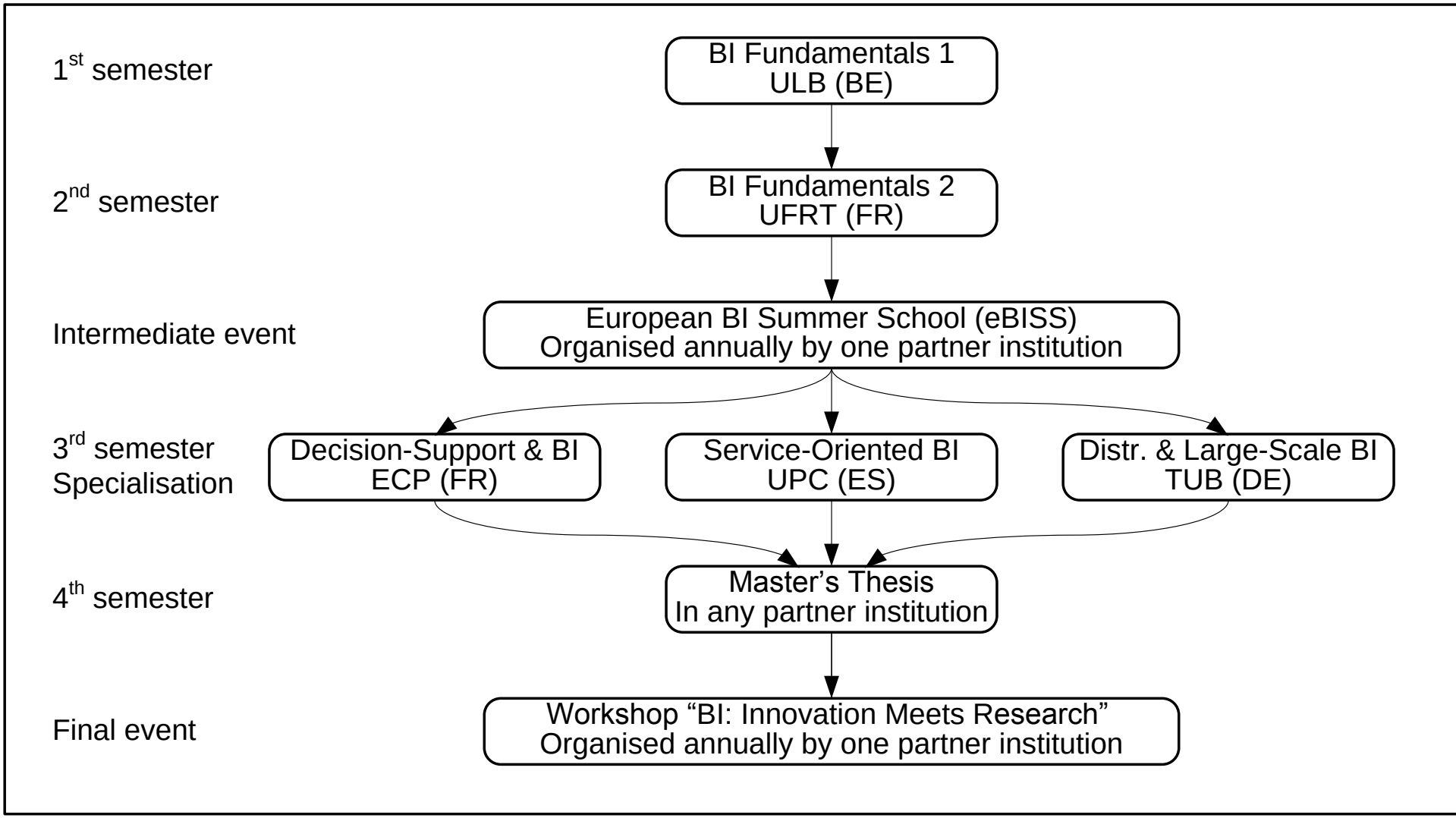
http://www.facebook.com/groups/ebiss

Related Activities



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

EM Master IT4BI: Mobility



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 Politècnica 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.

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The programme offers attractive EU Fellowships.

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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

Join our LinkedIn group

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 Ocbtober 2012.
Date will be announced on this website.

http://morebusinessintelligence.com/

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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.

Journal on Data Semantics

Concepts and Ideas for Building Knowledgeable Systems

Main editor: E. Zimanyi

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