http://cs.ulb.ac.be/conferences/ebiss2013/

Organized by

ULB

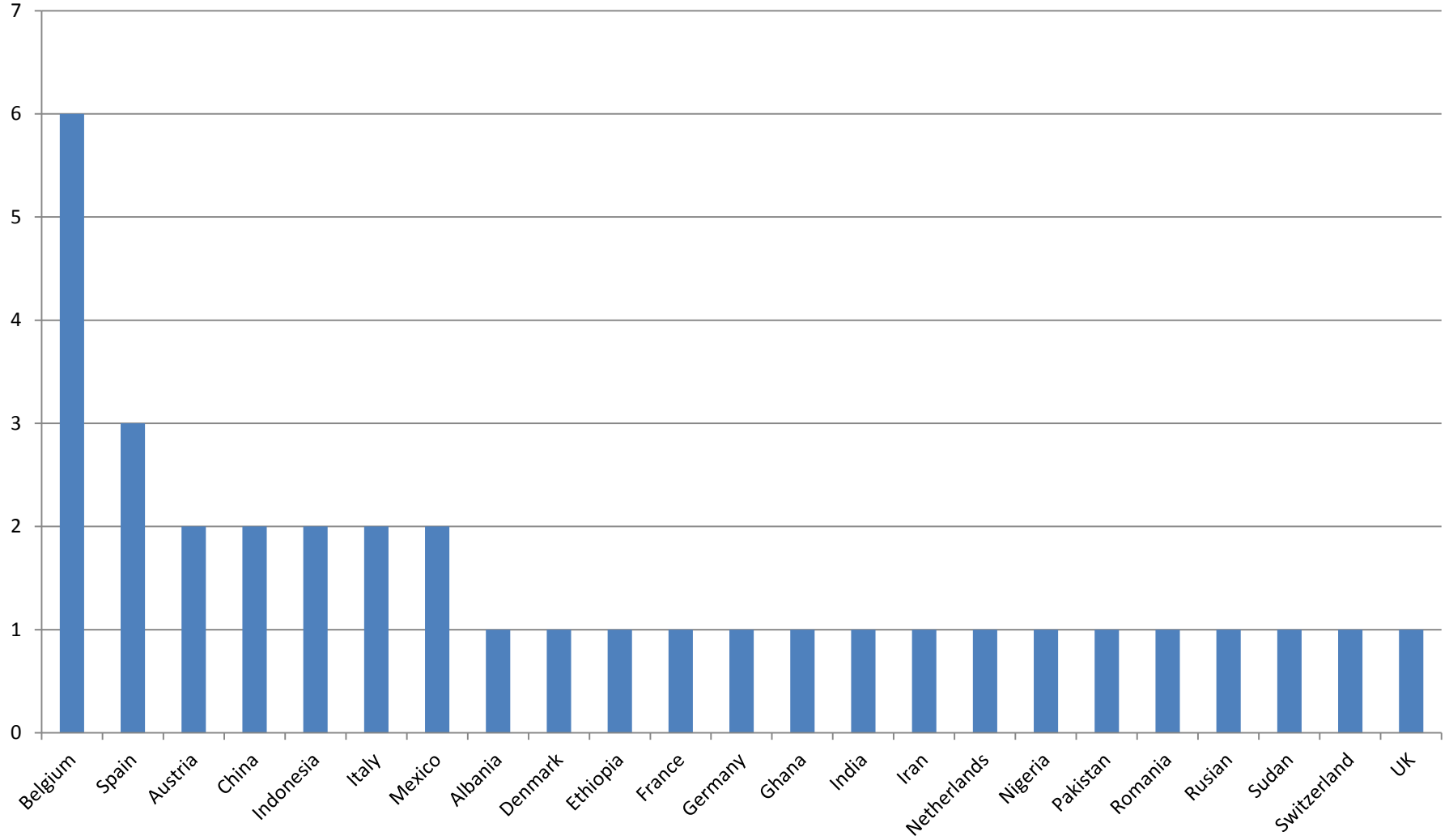
Rationale

- Presented by leading researchers in the field
- Involvement of industry
- Goal: try to explore together how the BI domain will evolve in the forthcoming years
- A high ratio between tutors (8) and participants (35) to enable “community building” in the BI domain
- Technical and social aspects are equally important

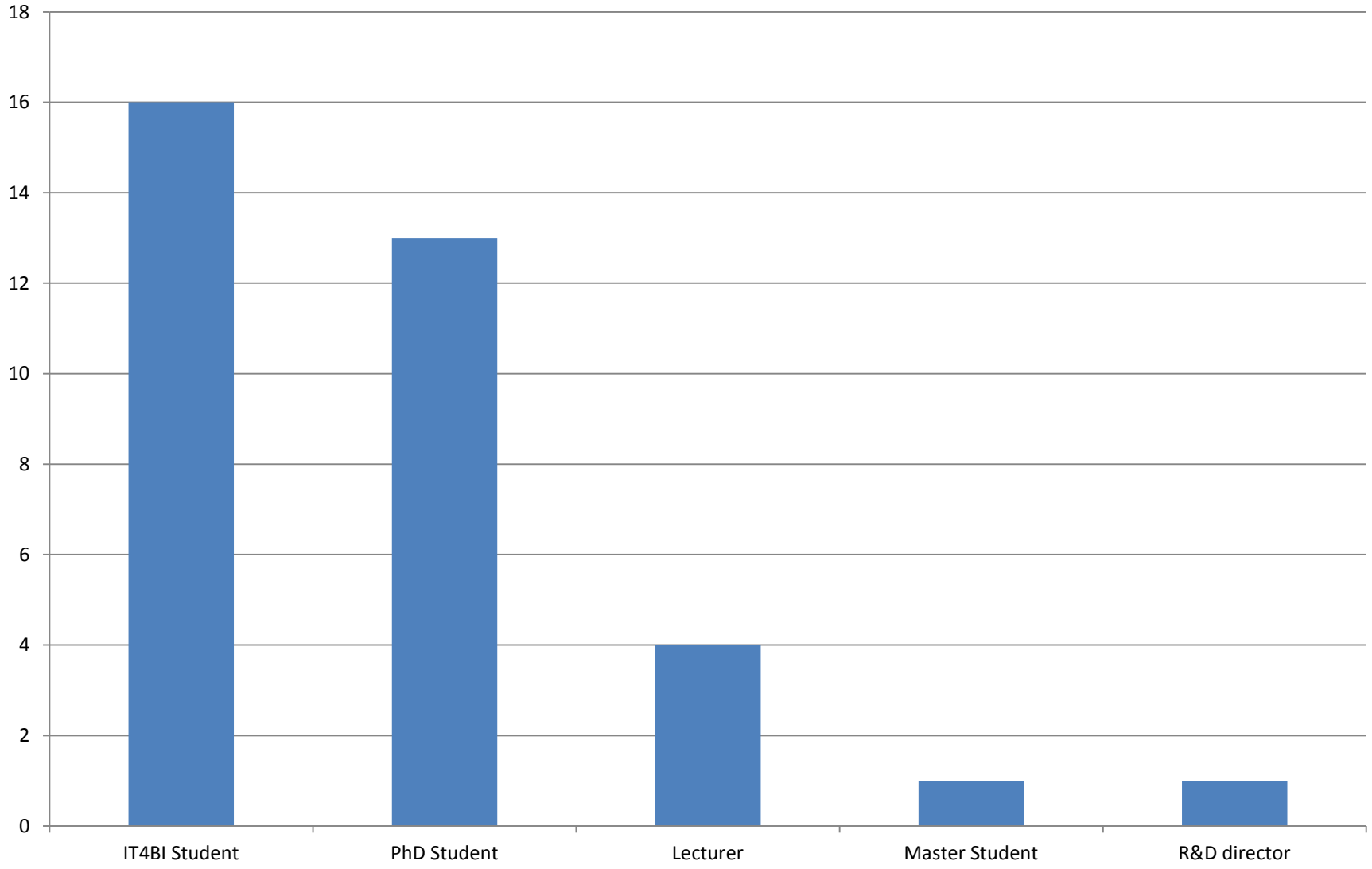
Program

	Sunday, July 7	Monday, July 8	Tuesday, July 9	Wednesday, July 10	Thursday, July 11	Friday, July 12
08:30 - 09:00		**Welcome Session** Esteban Zimányi				
09:00 - 10:30		**Ontology-driven business intelligence for comparative data analysis** Michael Schrefl Johannes Kepler Universität Linz	**Data mining techniques for discovering local patterns** Toon Calders Université Libre de Bruxelles	**Model-based software and data integration for business applications** Ralf-Detlef Kutsche TU Berlin	**Forecasting and data imputation strategies in database systems** Wolfgang Lehner Technische Universität Dresden	**Data warehouse physical design** Robert Wrembel Poznan University of Technology
10:30 - 11:00		**Coffee break**				
11:00 - 12:30		**Ontology-driven business intelligence for comparative data analysis** Michael Schrefl Johannes Kepler Universität Linz TU Berlin	**Data mining techniques for discovering local patterns** Toon Calders Université Libre de Bruxelles	**Model-based software and data integration for business applications** Ralf-Detlef Kutsche	**Forecasting and data imputation strategies in database systems** Wolfgang Lehner Technische Universität Dresden	**Data warehouse physical design** Robert Wrembel Poznan University of Technology
12:30 - 14:00		**Lunch**				
14:00 - 15:30		**Attain BI synergy by teaming human capacity with computing** Morten Middelfart TARGIT	**On the feasibility and need of semantic aware business intelligence** Oscar Romero BarcelonaTech	**Visit to Trier**	**Process mining** Wil van der Aalst TU Eindhoven	**Closing Event**
15:30 - 16:00		**Coffee break**				
16:00 - 17:30		**Attain BI synergy by teaming human capacity with computing** Morten Middelfart TARGIT	**On the feasibility and need of semantic aware business intelligence** Oscar Romero BarcelonaTech	**Visit to Trier**	**Process mining** Wil van der Aalst TU Eindhoven	
17:30 - 18:30	**Registration**	**Poster Presentation**	**Poster Presentation**			
18:30 - 19:30		**Dinner**				

Participants by Country



Participants by Position



Tutors

- Academia (9): Spain, Germany, Netherlands, Belgium, Poland, Austria
- Industry (1): Denmark
- Some of them are involved in Erasmus Mundus Master & Doctorate IT4BI
- Reflecting on how to teach BI, how to develop BI curricula
- This summer school is one element in this reflection

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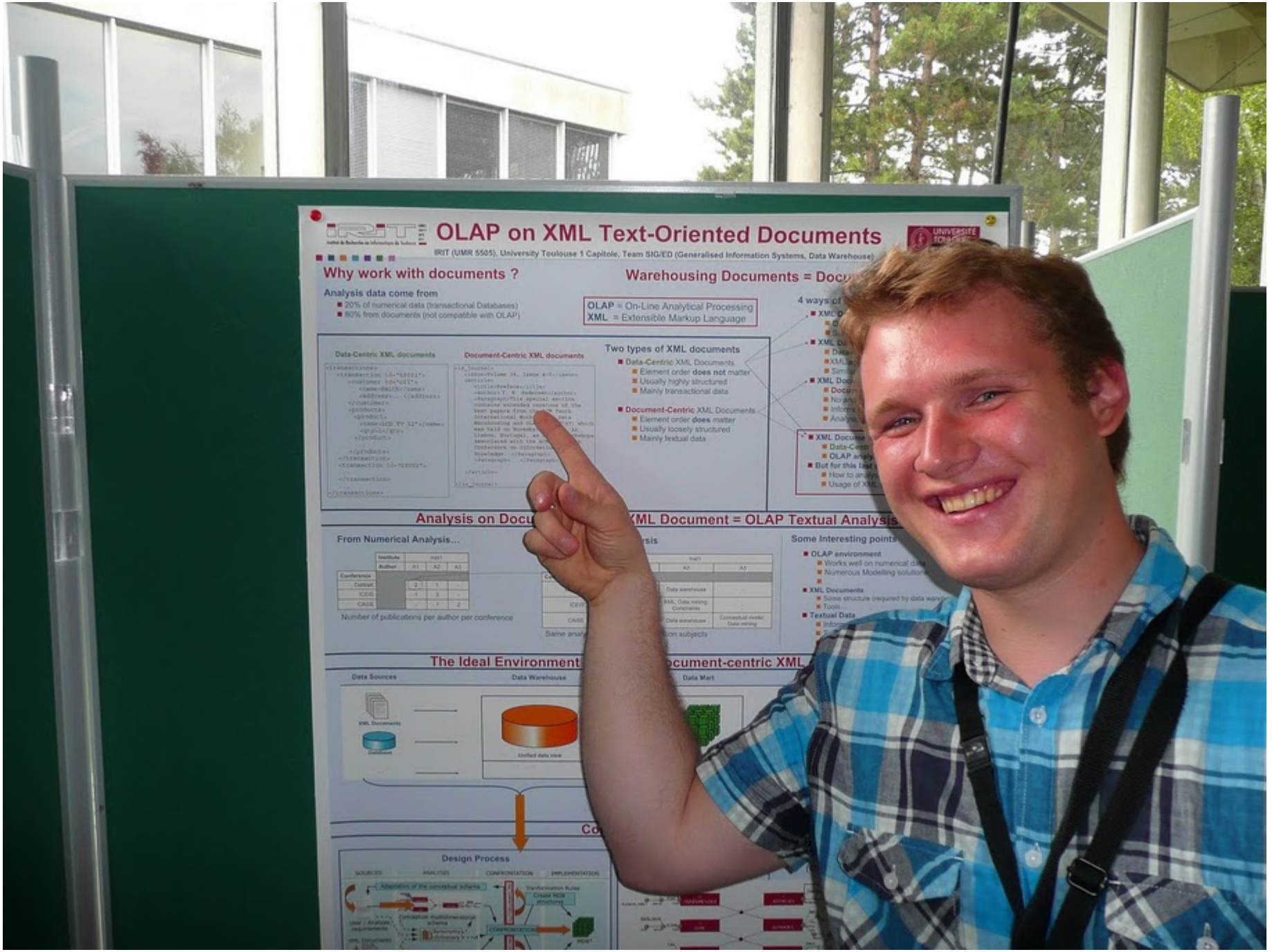
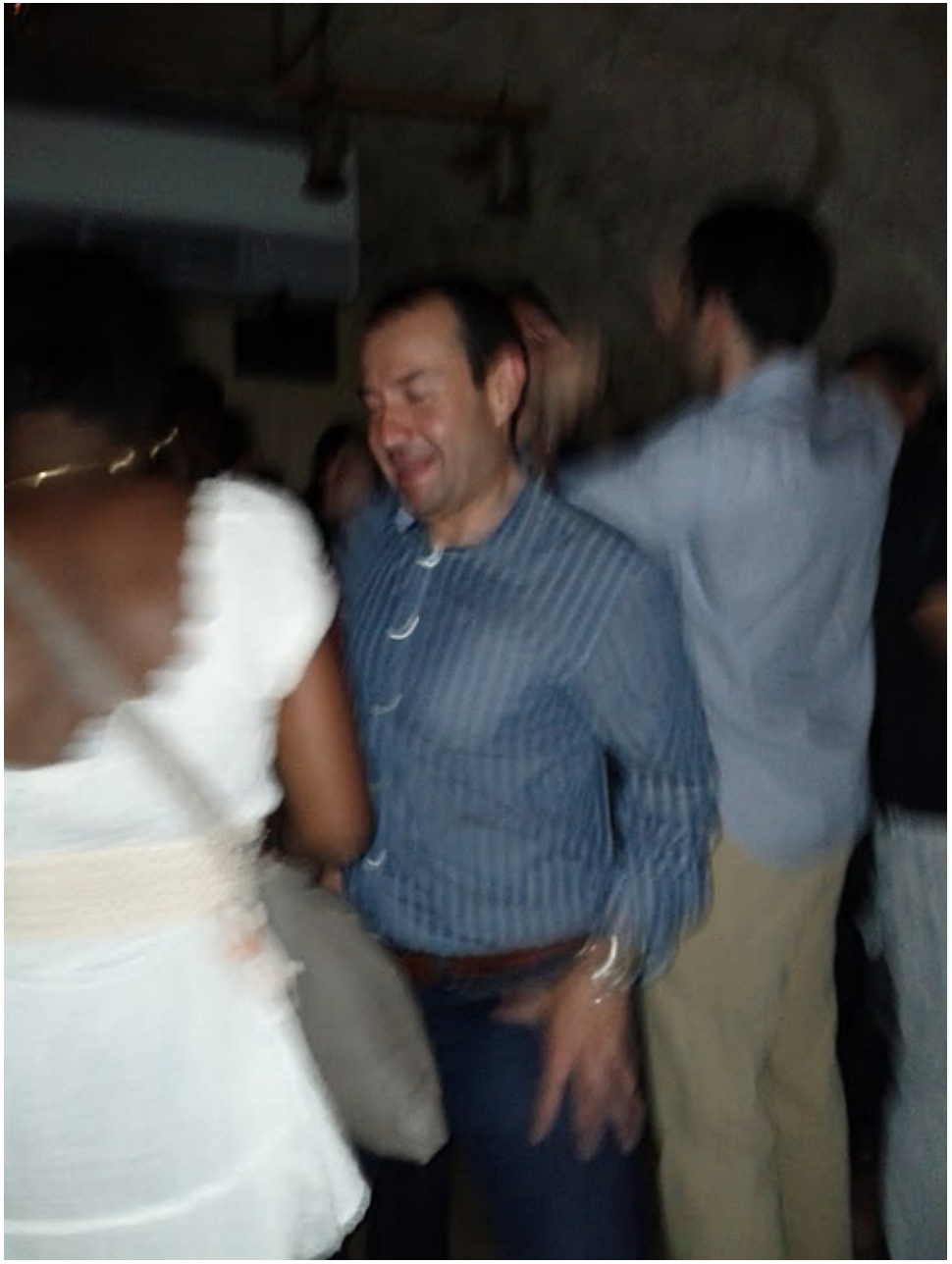

OLAP on XML Text-Oriented Documents
IRIT (UMR 5505), University Toulouse 1 Capitole, Team SIG/ED (Generalised Information Systems, Data Warehouse)
Why work with documents ?
Analysis data come from
20% of numerical data (transactional Databases)
80% from documents (not compatible with OLAP)
OLAP = On-Line 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

CAT

ADOIT



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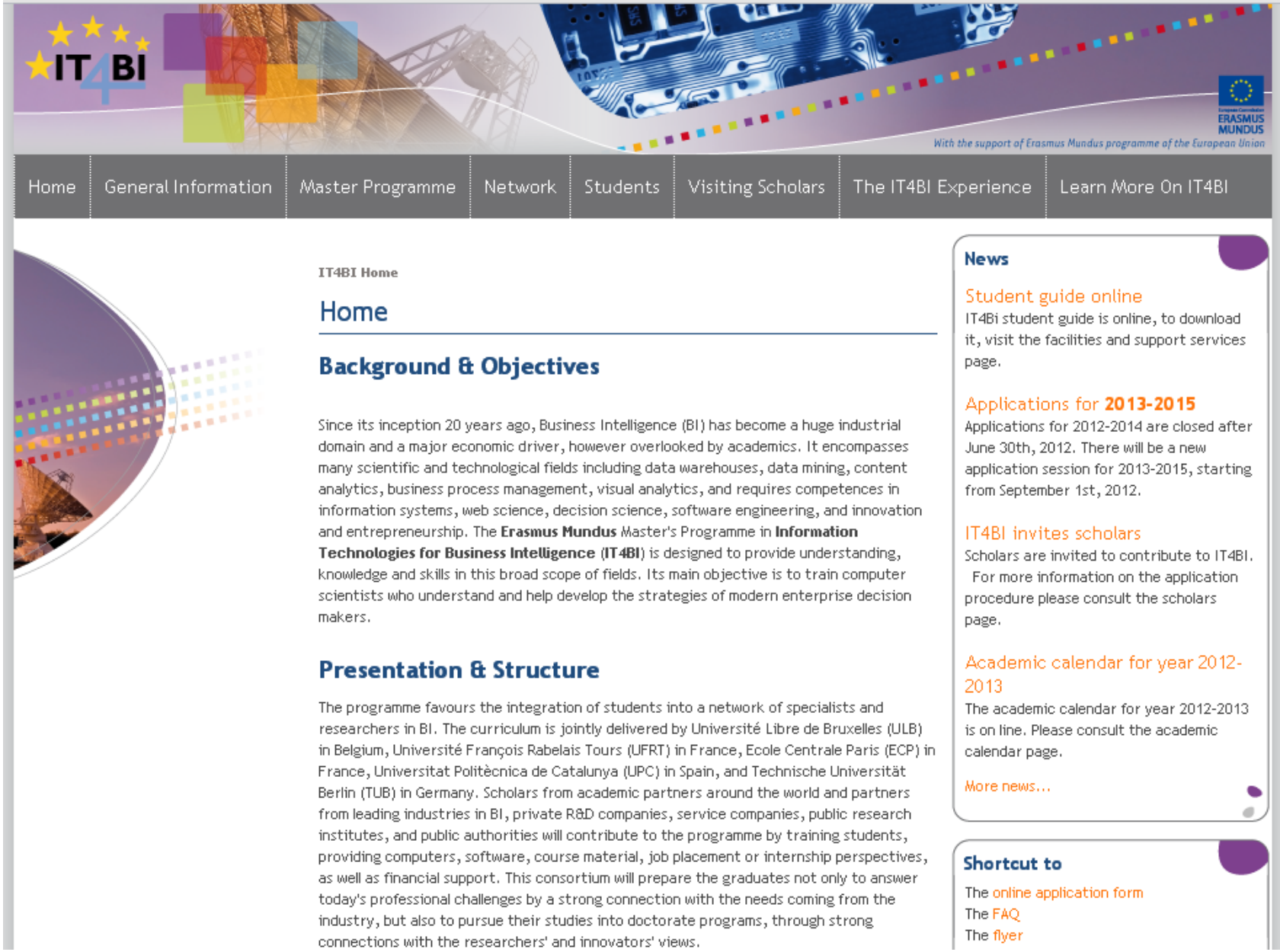
An overview for Social
VISITBRUSSELS

MCMLXXV

Related Activities



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

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

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Leibniz-Zentrum für Informatik

Dagstuhl Seminars
Dagstuhl Perspectives
GI-Dagstuhl Seminars
Events
Research Guests
Calendar
Seminars
Events

(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.

See You Next Year

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