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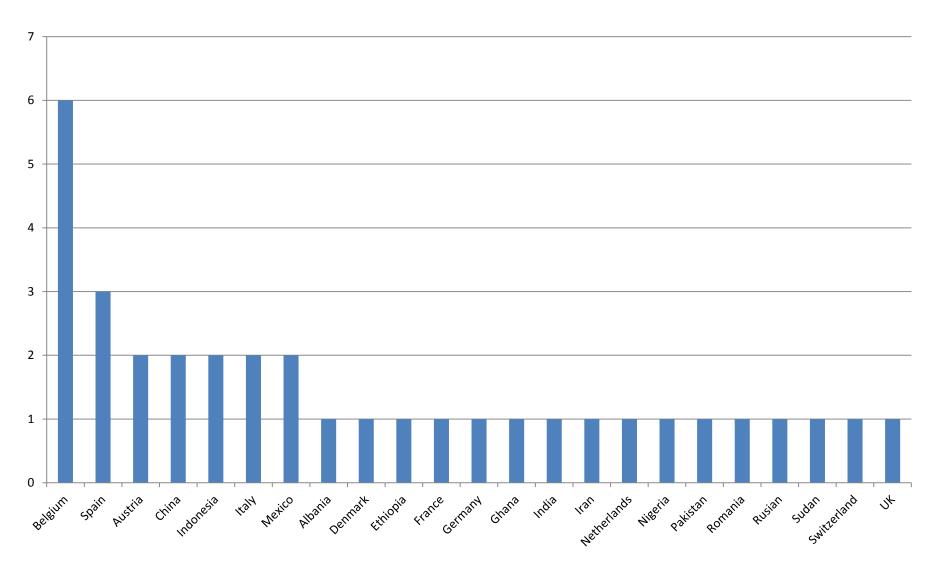
Rationale

- 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

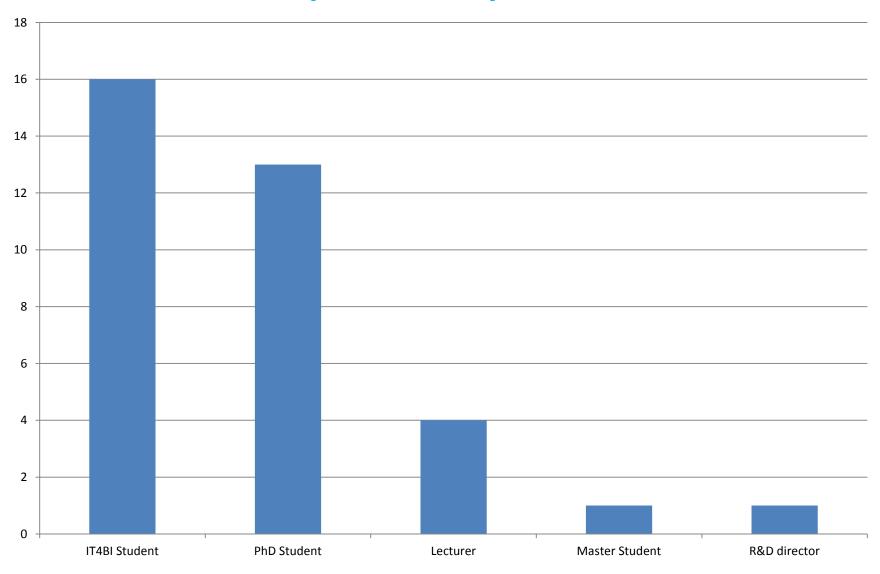
Program

	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				<u></u>
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 Bl 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				Ş
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				101

Participants by Country



Participants by Position

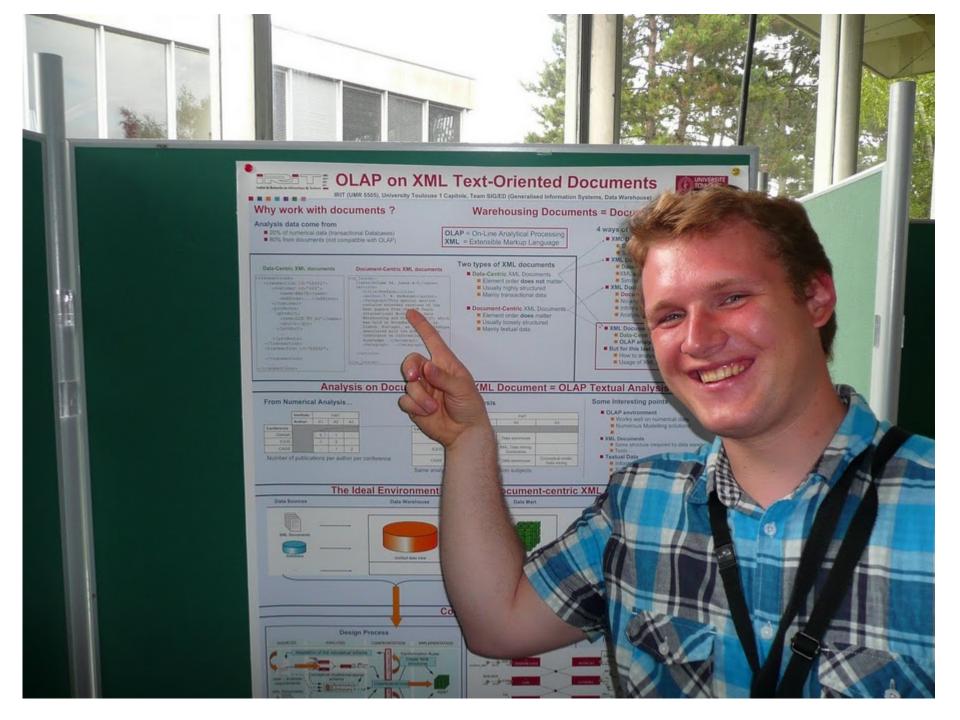


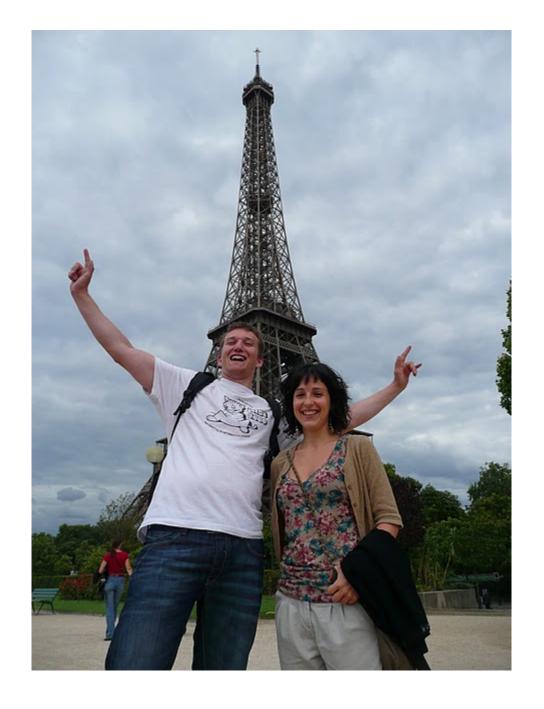
Tutors

- 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

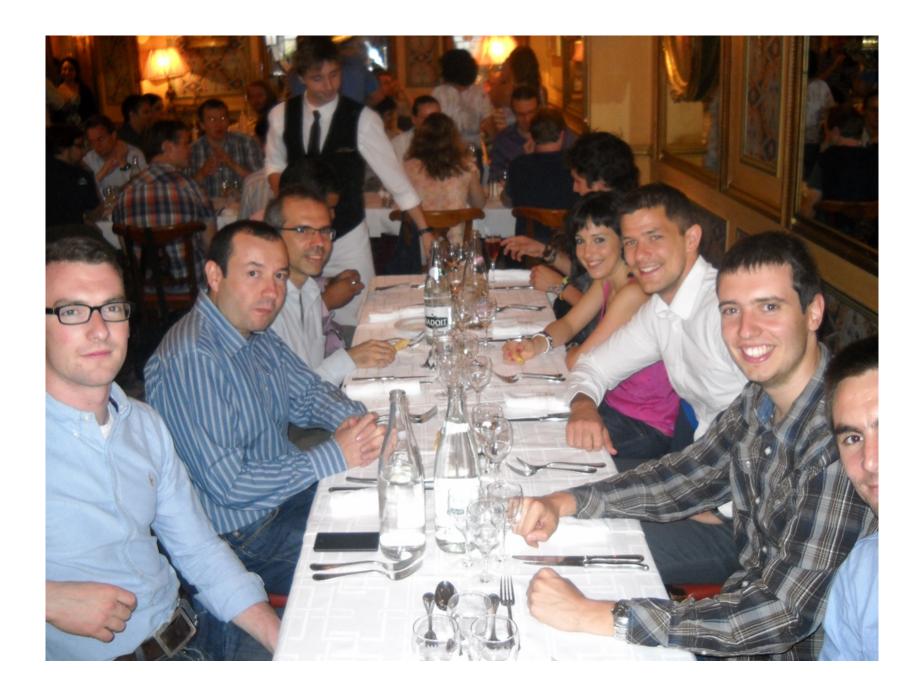


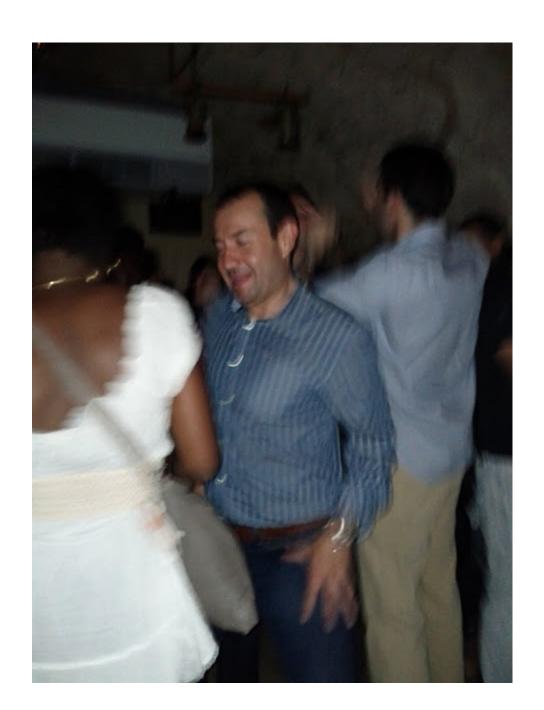
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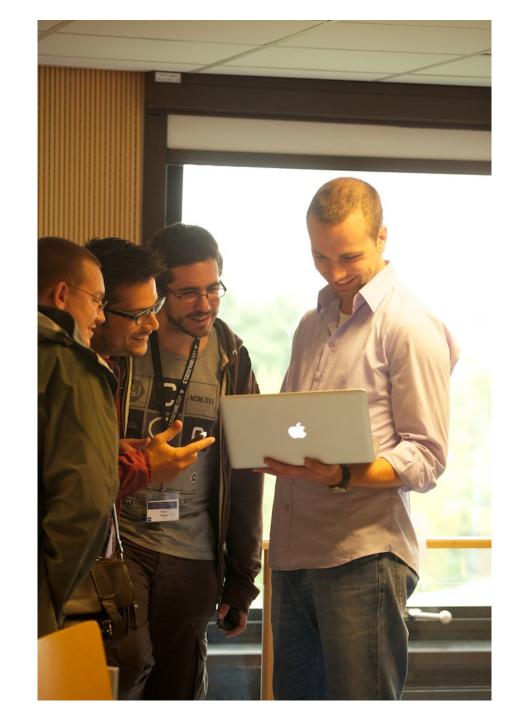




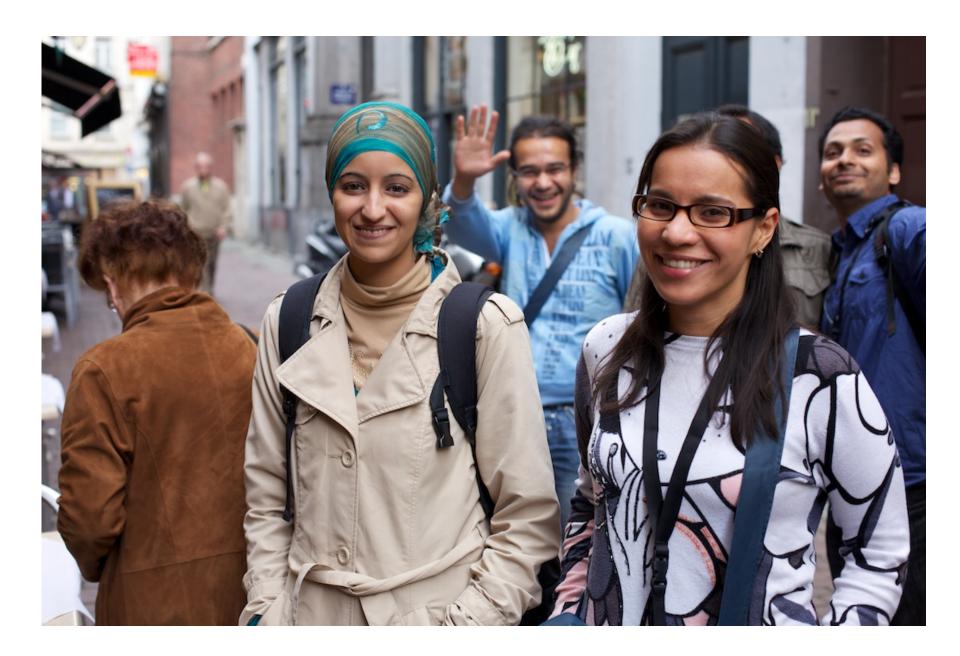
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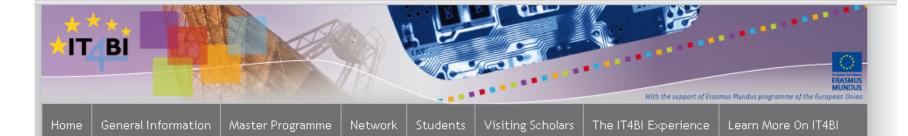








Related Activities



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

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What is IT4BI-DC?

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, and software engineering. The Erasmus Mundus Joint Doctorate in Information Technologies for Business Intelligence - Doctoral College (IT4BI-DC) is designed to develop research excellence 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. IT4BI-DC is a continuation of the EMMC "Information Technologies for Business Intelligence" (IT4BI).

The programme favours the integration of students into a network of world-renowned researchers and specialists in BI. The curriculum is jointly delivered by Université Libre de Bruxelles (Belgium), Aalborg Universitet (Denmark), Technische Universität Dresden (Germany), Universitat Politècnica de Catalunya (Spain), and Poznań Technical University (Poland). Associated partners from around the world include top-ranked universities, leading industries in BI, public and private research organizations, R&D companies, consulting companies, and public authorities. Associated partners will contribute to the programme by training students, providing job placement or internships, as well as financial support, in particular through additional scholarships. This consortium will prepare graduates to address major governance challenges in today's knowledge-based society by developing the three interdependent components of the "knowledge triangle", i.e., education, research, and innovation.











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



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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.

See You Next Year



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