

## PERSONAL

<i>Last name:</i>	Jureta	<i>Citizenships:</i>	Belgian, Serbian	<i>Telephone:</i>	+32 494 394 104
<i>First name:</i>	Ivan	<i>Languages:</i>	French, English, Serbo-Croat	<i>Primary email:</i>	ivan.jureta@fundp.ac.be
<i>Date of birth:</i>	March 26, 1981		German (beginner)	<i>Secondary email:</i>	ivan@jureta.net
<i>Place of birth:</i>	Belgrade (Serbia)			<i>Web:</i>	www.jureta.net
<i>Work address:</i>	Department of Business Administration Louvain School of Management University of Namur B-5000 Namur, Belgium	<i>Home address:</i>	Scavée du Biéreau, 5, Apt.101 B-1348 Louvain-La-Neuve Belgium		

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## OVERVIEW OF ACADEMIC ACTIVITIES

After graduating *summa cum laude* the MSc Management and the CEMS Master in International Management, respectively from Université catholique de Louvain (UCL, Belgium) and the London School of Economics, I have completed a PhD in Economics and Management Science in January 2008. I continue to work on scientific research in management science, in particular the engineering of information systems, primarily at the University of Namur and Université catholique de Louvain, and in cooperation with colleagues at the University of Toronto, Carnegie Mellon University, and the University of Trento. My primary research interests lie in descriptive and normative models of and processes for decision making.

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## OVERVIEW OF INTERNET CONSULTING ACTIVITIES

I have been active in e-business/web consulting since 2001. I initially acted as a visual designer, moving progressively to creative direction, user experience design and conceptual design. Projects involved mainly small and medium size enterprises (SMEs; around two dozen of them) in Belgium, France, Serbia, Singapore, and the United Kingdom. In Serbia, I have acted as the creative director for 2 of the 3 of the country's most visited websites (1st and 3rd). Since 2005, I hold corporate training sessions on web aesthetics and visual design. Recent projects include B92.net (www.b92.net), B92 FM (www.B92.fm), EMportal (www.emportal.rs), Ekorpa (www.ekorpa.rs –forthcoming). About 400.000 people use daily the websites I have helped create (source: Google Analytics, November 2008).

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## WORK EXPERIENCE

<i>October 2008 – Now</i>	Postdoctoral fellow / Chargé de recherche FNRS Fonds de Recherche Scientifique – FNRS (Belgian national research fund)
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## EDUCATION

<i>September 2005 – January 2008</i>	PhD Economics and Management Science Thesis title: "Essays in Information Management: Contributions to Decision-Making in Information Systems Engineering" PReCISE Research Center in Information Systems Engineering Louvain School of Management, University of Namur
<i>September 2004 – June 2005</i>	CEMS Master in International Management <i>Summa cum laude (no official ranking)</i> London School of Economics and Political Science & Université de Louvain
<i>September 2000 – June 2005</i>	Maîtrise en Sciences de Gestion (MSc Management) <i>La plus grande distinction avec les félicitations unanimes du jury (Summa cum laude, 1st in class)</i> Institut d'administration et de gestion / Université catholique de Louvain

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## ACADEMIC HONORS AND AWARDS

September 2008	Best paper award at the 16 <sup>th</sup> IEEE International Conference on Requirements Engineering (RE 2008), Barcelona, Spain.
September 2006 – Now	Intercollegiate Center for Management Science (CIM/ICM) Doctoral Fellowship
September 2006	Fonds National de la Recherche Scientifique (FNRS) Doctoral Fellowship

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## RESEARCH COOPERATION

November 2008	Research in cooperation with Prof. John Mylopoulos Department of Computer Science University of Toronto, Canada
October 2007	Research in cooperation with Prof. Katia Sycara The Robotics Institute Carnegie Mellon University, USA
May 2007, May 2008	Research in cooperation with Prof. John Mylopoulos Dipartimento di Ingegneria e Scienza dell'Informazione University of Trento, Italy

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## PEER-REVIEWED SCIENTIFIC PUBLICATIONS

<i>Journals</i>	<ol style="list-style-type: none"><li>4. Clear Justification of Modelling Decision for Goal-Oriented Requirements Engineering <b>Ivan J. Jureta</b>, Stephane Faulkner, Pierre-Yves Schobbens Requirements Engineering Journal, 13(2), 2008.</li><li>3. Continually Learning Optimal Allocations of Web Services to Tasks Youssef Achbany, <b>Ivan J. Jureta</b>, Stephane Faulkner, Francois Fous Accepted for publication in: IEEE Transactions on Services Computing, IEEE.</li><li>2. A Comprehensive Quality Model for Service-Oriented Systems <b>Ivan J. Jureta</b>, Caroline Herssens, Stephane Faulkner Accepted for publication in: Software Quality Journal, Springer.</li><li>1. Multi-Agent Patterns for Deploying Online Auctions <b>Ivan J. Jureta</b>, Stephane Faulkner, Manuel Kolp International Journal of Intelligent Information Technologies, 2(3), 2006</li></ol>
<i>International Conferences</i>	<ol style="list-style-type: none"><li>15. Revisiting the Core Ontology and Problem in Requirements Engineering <b>Ivan J. Jureta</b>, John Mylopoulos, Stephane Faulkner IEEE Int. Conf. on Requirements Engineering (RE 2008), Barcelona, Spain. Best paper award.</li><li>14. Context-Driven Autonomic Adaptation of SLA Caroline Herssens, Stephane Faulkner, <b>Ivan J. Jureta</b> Service-Oriented Computing - ICSOC 2008, Sixth International Conference, Sydney, Australia</li><li>13. A Framework for QoS Driven Selection of Services Caroline Herssens, <b>Ivan J. Jureta</b>, Stephane Faulkner IEEE International Conference on Services Computing (SCC 2008), Honolulu, Hawaii</li><li>12. Engineering Pluripotent Information Systems <b>Ivan J. Jureta</b>, Stephane Faulkner, Jean Vanderdonckt IEEE Int. Conference on Research Challenges in Information Science (RCIS 2008), Marrakech, Morocco</li><li>11. Capturing and Using QoS Relationships to Improve Service Selection Caroline Herssens, <b>Ivan J. Jureta</b>, Stephane Faulkner Int. Conference on Advanced Information Systems Engineering (CAISE 2008), Montpellier, France</li><li>10. Dealing with Quality Tradeoffs during Service Selection Caroline Herssens, <b>Ivan J. Jureta</b>, Stephane Faulkner</li></ol>

International Conference on Autonomic Computing (ICAC 2008), Chicago, Illinois

9. Tracing the Rationale behind UML Model Change through Argumentation  
**Ivan J. Jureta**, Stephane Faulkner  
Conceptual Modeling - ER 2007, 26th Int. Conference on Conceptual Modeling, Auckland, NZ
8. Clarifying Goal Models  
**Ivan J. Jureta**, Stephane Faulkner  
Conceptual Modeling - ER 2007, 26th Int. Conf. on Conceptual Modeling, Auckland, New Zealand
7. Dynamic Requirements Specification for Adaptable and Open Service-Oriented Systems  
**Ivan J. Jureta**, Stephane Faulkner, Philippe Thiran  
Service-Oriented Computing - ICSOC 2007, Fifth International Conference, Vienna, Austria
6. Dynamic Requirements Specification for Adaptable and Open Service Systems  
**Ivan J. Jureta**, Stephane Faulkner, Philippe Thiran  
15th IEEE International Conference on Requirements Engineering (RE 2007), New Delhi, India
5. Dynamic Web Service Composition within a Service-Oriented Architecture  
**Ivan J. Jureta**, Stephane Faulkner, Youssef Achbany, Marco Saerens  
2007 IEEE International Conference on Web Services (ICWS 2007), Salt Lake City, Utah
4. Dynamic Task Allocation Within an Open Service-Oriented MAS Architecture  
**Ivan J. Jureta**, Stephane Faulkner, Youssef Achbany, Marco Saerens  
Int. Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2007), Honolulu, Hawai'i
3. A More Expressive Softgoal Conceptualization for Quality Requirements Analysis  
**Ivan J. Jureta**, Stephane Faulkner, Pierre-Yves Schobbens  
Conceptual Modeling - ER 2006, 25th International Conference on Conceptual Modeling, Tucson, Arizona
2. Justifying Goal Models  
**Ivan J. Jureta**, Stephane Faulkner, Pierre-Yves Schobbens  
14th IEEE Int. Conference on Requirements Engineering (RE 2006), Minneapolis/St.Paul, Minnesota
1. Patterns for Agent Oriented e-Bidding Practices  
**Ivan J. Jureta**, Stephane Faulkner, Manuel Kolp, T. Tung Do  
Knowledge-Based Intelligent Information and Engineering Systems, 9th International Conference, KES 2005, Melbourne, Australia

*Book chapters*

3. An Agent-Oriented Perspective on E-Bidding Systems  
**Ivan J. Jureta**, Manuel Kolp, Stephane Faulkner  
Accepted for publication in: Intelligent Information Technologies and Applications, IGI Global
2. An Agent-Oriented Enterprise Model for Early Requirements Engineering  
**Ivan J. Jureta**, Stephane Faulkner, Manuel Kolp  
Accepted for publication in: Handbook of Ontologies for Business Interaction, IDEA Group Publishing
1. Formalizing Agent-Oriented Enterprise Models  
**Ivan J. Jureta**, Stephane Faulkner, Manuel Kolp  
Agent-Oriented Information Systems III (AOIS-2005 Revised Selected Papers)

*International Workshops*

6. Timing Nonfunctional Requirements  
**Ivan J. Jureta**, Stephane Faulkner  
2<sup>nd</sup> International Workshop on Requirements, Intentions and Goals in Conceptual Modeling (RIGiM);  
Conceptual Modeling - ER 2008, 27th Int. Conference on Conceptual Modeling, Barcelona, Spain
5. Automated Requirements-Driven Definition of Norms for the Regulation of Behavior in Multi-Agent Systems  
Martin Kollingbaum, **Ivan J. Jureta**, Wamberto Vasconcelos, Katia Sycara  
Symposium on Behaviour Regulation in Multi-Agent Systems (BRMAS 2008)
4. An Ontology for Requirements  
John Mylopoulos, **Ivan J. Jureta**, Stephane Faulkner  
RIGiM'07 Keynote by John Mylopoulos  
Conceptual Modeling - ER 2007, 26th Int. Conference on Conceptual Modeling, Auckland, New Zealand

3. Achieving, Satisficing, and Excelling  
**Ivan J. Jureta**, Stephane Faulkner, Pierre-Yves Schobbens  
 First International Workshop on Requirements, Intentions and Goals in Conceptual Modeling (RIGiM)  
 Conceptual Modeling - ER 2007, 26th Int. Conference on Conceptual Modeling, Auckland, New Zealand
2. Allocating Goals to Agent Roles During MAS Requirements Engineering  
**Ivan J. Jureta**, Stephane Faulkner, Pierre-Yves Schobbens  
 Agent-Oriented Software Engineering VII, 7th International Workshop, AOSE 2006, Hakodate, Japan
1. An Agent-Oriented Meta-model for Enterprise Modelling  
**Ivan J. Jureta**, Stephane Faulkner  
 Seventh International Bi-conference Workshop on Agent-Oriented Information Systems (AOIS-2005)  
 Conceptual Modeling - ER 2005, 24th Int. Conference on Conceptual Modeling, Klagenfurt, Austria

## PRESENTATIONS HELD AT INTERNATIONAL CONFERENCES AND INTERNATIONAL WORKSHOPS

Revisiting the Core Ontology and Problem in Requirements Engineering

**Ivan J. Jureta**, John Mylopoulos, Stephane Faulkner

IEEE International Conference on Requirements Engineering (RE 2008), Barcelona, Spain

Tracing the Rationale behind UML Model Change through Argumentation

**Ivan J. Jureta**, Stephane Faulkner

Conceptual Modeling - ER 2007, 26th Int. Conference on Conceptual Modeling, Auckland, New Zealand

Clarifying Goal Models

**Ivan J. Jureta**, Stephane Faulkner

Conceptual Modeling - ER 2007, 26th Int. Conference on Conceptual Modeling, Auckland, New Zealand

A More Expressive Softgoal Conceptualization for Quality Requirements Analysis

**Ivan J. Jureta**, Stephane Faulkner, Pierre-Yves Schobbens

Conceptual Modeling - ER 2006, 25th International Conference on Conceptual Modeling, Tucson, Arizona

Justifying Goal Models

**Ivan J. Jureta**, Stephane Faulkner, Pierre-Yves Schobbens

14th IEEE Int. Conference on Requirements Engineering (RE 2006), Minneapolis/St.Paul, Minnesota

## SEMINARS

November 2008

*Revisiting the Core Ontology, Problem, and Resolution Framework in Requirements Engineering*

**Ivan J. Jureta**

Department of Computer Science

University of Toronto

October 2007

*Quality Management on the Semantic Web*

**Ivan J. Jureta**

The Robotics Institute

Carnegie Mellon University

May 2007

*A Comprehensive Approach to the Specification and Analysis of Nonfunctional (Quality) Characteristics and their Relationships*

**Ivan J. Jureta**

Dipartimento di Ingegneria e Scienza dell'Informazione

University of Trento

February 2007

*Continually Learning Optimal Service Compositions*

**Ivan J. Jureta**

Institut de Recherches Interdisciplinaires et de Développements en Intelligence

Artificielle (IRIDIA)

Université Libre de Bruxelles

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April 2006

*Argumentation, Justification, and Clarification in Quality Requirements Analysis*

**Ivan J. Jureta**

Institut d'Administration et de Gestion (IAG)

Université catholique de Louvain

September 2005

*An Organizational Perspective on Goal-Oriented Information Systems Engineering*

**Ivan J. Jureta**

Faculté des Sciences Appliquées / Ecole Polytechnique

Université Libre de Bruxelles

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## RESEARCH INTERESTS

- Decision theory and decision practice
  - Decision making in Information Systems engineering (guidance and assessment)
  - Quality management (modeling, measurement, and assurance)
  - Business process automation (through agent-orientation and service-orientation)
  - Virtual organization (engineering and management)
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## ACADEMIC REFERENCES

Prof. Stéphane Faulkner (stephane.faulkner@fundp.ac.be)  
Department of Business Administration, University of Namur

Prof. Pierre-Yves Schobbens (pys@info.fundp.ac.be)  
Institut d'Informatique, University of Namur

Prof. Philippe Thiran (pthiran@fundp.ac.be)  
Department of Business Administration, University of Namur

Prof. Marco Saerens (marco.saerens@uclouvain.be)  
Information Systems Research Unit, Louvain School of Management, University of Louvain

Prof. John Mylopoulos (jm@cs.toronto.edu)  
Department of Computer Science, University of Toronto

Prof. Katia Sycara (katia+@cs.cmu.edu)  
The Robotics Institute, Carnegie Mellon University

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## AWARDS AND NOTABLE MENTIONS RELATED TO CONSULTING ACTIVITIES

For earlier versions of jureta.net

- NetDiver Food for Imagination Award for jureta.com (2002)
- Vartanian. "Now Loading...Aesthetic of Web Design". Gingko Press/DesignXchange Japan, 2001.

For creative direction, as part of the B92 web team (b92.net)

- Best information-centered website - NIS Petrol Webfest (2007)
  - Best Website in the Region - IT Globus from PC World Magazine (2005)
  - Best information-focused website, PC Press Magazine (2005)
  - Best in category: New Media, UEPS Award (2005) (Awarded by a regional association of advertising agencies.)
  - Best in category: New Media, SPRA Award (2005) (Awarded by a regional association of public relations professionals and agencies.)
  - Best IT Product in the Region, PC World Magazine (2003)
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## SECTOR EXPERIENCE

News & media, Ecommerce, NGOs, Medical

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**OTHER**

TOEFL score: 118/120