

# Jolita RALYTĖ, PhD

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## MER – Maître d'enseignement et de recherche

Senior Researcher and Lecturer

Program director of continuing education program MATIS (CAS, DAS, MAS)

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Google Scholar: <http://scholar.google.ch/citations?user=g-eCFB4AAAAJ&hl=fr>



## Personal Information

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<b>Born:</b>	March 16, 1970 in Lithuania	
<b>Citizenship:</b>	Lithuanian	
<b>Marital status:</b>	Married, 2 children	
<b>Home address:</b>	Avenue Ernest-Biéler 11, CH-1800 Vevey, Switzerland	
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<b>Languages spoken:</b>	French: bilingual proficiency English: full professional proficiency Lithuanian: mother tongue	Russian: bilingual proficiency Spanish: elementary proficiency Chinese: intermediate, HSK4

## Education

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- 2001** PhD in Computer Science. University of Paris 1 Pantheon-Sorbonne, Paris, France.
- 1995** MSc in Information Systems – Theory and Engineering of Databases. University of Paris 1 Pantheon-Sorbonne and University of Paris 11 – Orsay, France.
- 1993** MSc in Applied Mathematics and Computer Science. University of Vilnius, Faculty of Mathematics and Informatics, Lithuania.
- 1988** High school diploma, Šiauliai, Lithuania.
- 1988** Diploma of children Art School, Šiauliai, Lithuania.

## Employment

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- Since 2007** MER – Senior Researcher and Lecturer, University of Geneva, Switzerland.
- 2001-2007** Researcher and Lecturer, University of Geneva, Department of Information Systems, Faculty of Economics and Social Science, Geneva, Switzerland.
- 1998-2000** Temporary Lecturer and Researcher, University of Paris 1 Pantheon-Sorbonne, France.
- 1995-2000** Research Assistant – PhD Student, University of Paris 1 Pantheon-Sorbonne, CRI (Centre de Recherche en Informatique), Paris, France.
- 1993-1994** Information Systems Engineer, Franco-Lithuanian Enterprise NERISENA, Vilnius, Lithuania.
- 1992-1994** Teacher of mathematics, physics and chemistry, Secondary School of French Embassy in Vilnius, Lithuania.

## Teaching

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### Currently 2018 – 2019: University of Geneva, Switzerland

#### **Bachelor Courses**

- Analyse des objectifs (Goal Analysis) (BSc, 3 ECTS, lectures, 30 students)
- Gestion de projets (Project Management) (BSc, 3 ECTS, lectures, 30 students)

#### **Continuous Education Courses**

**Program MATIS (Management and Technology of Information Systems)** <http://matis.unige.ch>

- CAS DASI – Développement à l'aides des services informationnels (Development by Means of Information Services) (2018, 15 ETCS)
- CAS MESSI – Modélisation des services et des systèmes d'information (Modelling of Information Systems and Services) (2009-present, 10 ECTS)
- CAS GPSI – Gestion de projets des systèmes d'information et des services (Project Management for Information Systems and Services) (2009-present, 10 ECTS)
- CAS DSI – Direction des systèmes d'information et des services (Management of Information Systems and Services) (2012-present, 10 ECTS)

### 2001 – 2017: University of Geneva, Switzerland

#### **Bachelor Courses**

- Analyse des objectifs (Goal Analysis) (2009 - 2018, BSc, 3 ECTS, lectures, 150-200 students)
- Gestion de projets (Project Management) (2010-2018, BSc, 3 ECTS, lectures, 50-70 students)
- Bases de données (Databases) (2008-2016, BSc, 6 ECTS, lectures, 40 students)
- Sécurité des systèmes d'information (Security of Information Systems) (2014, BSc, 3 ECTS, lectures, 40 students)
- Modelling of Information Systems and Services (2014-2016, BSc, 6 ECTS, lectures, 20 students)
- Principes de modélisation des systèmes d'information (Principles of Information Systems Modelling) (2015, BSc, 6 ECTS, lectures, 15 students)

#### **Master Courses**

- Measuring, Evaluating and Monitoring Sustainable Development (2017, MSc, 12 ECTS, workshop, 25 students)
- Service Models and Design (2014-2016, MSc, 6 ECTS, lectures, 20 students)
- Assessment of Information Systems (2013, MSc, 3 ECTS, lectures, 40 students)
- Business Development with Services (2010-2011, 2016, MSc, 6 ECTS, lectures and seminars, 20 students)
- Information System Governance (2010-2011, MSc, 6 ECTS, lectures and seminars, 20 students)
- Evolution and Interoperability of Information Systems (2002-2010, MSc, 6 ECTS, lectures and seminars, 30 students)
- Gestion de projets des systèmes d'information (Information System Project Management) (2001-2009, MSc, 6 ECTS, lectures and seminars, 60 students)
- Fondements des systèmes d'informations et de communication (Fundamentals of Information and Communication Systems) (2003-2007, MSc, 6 ECTS, lectures and seminars, 20 students)
- Evolution of Information Systems (2003-2005, MSc, lectures, 30 students)
- Méthodes de développement des systèmes d'information (Information Systems Development Methods) (2002-2003, 24 h, MSc, lectures, 30 students)

### **Continuous Education Courses**

#### **Program MATIS (Management and Technology of Information Systems)**

- Ingénierie des exigences (Requirement Engineering) (2008, 2010, Course of 12 h)
- Méthodes et ingénierie des méthodes pour le développement des systèmes d'information (Methods and Method Engineering for Information Systems Development) (2006, Course of 16h)
- Modélisation des systèmes d'information (Information Systems Modelling) (2006, Course of 16h)
- Situational Methods for Information Systems Development (2002, Course of 16h)

#### **2004 – present: Invited Courses**

- Modélisation des SI et des services : Décalages entre le monde vivant et le monde artificiel (2018, MSc, 4h, 30 students), University of Paris 1 Pantheon-Sorbonne, France
- Patrons de modélisation conceptuelle (Conceptual Modelling Patterns) (2016, 2017 MSc, 4h, 30 students), University of Paris 1 Pantheon-Sorbonne, France
- Methods and Method Engineering (2015, PhD, 8h, 15 students), Escuela Politécnica Nacional, Quito, Ecuador.
- Methods and Method Engineering for Information Systems Development (2008, MSc, 20h, lectures, 20 students), Universitat Politècnica de Catalunya, Barcelona, Spain
- Assembly-based Method Engineering (2008, MSc, 4h, 30 students), University of Utrecht, The Netherlands
- Information systems evolution (2004, MSc, 20h, 30 students), University of Klagenfurt, Austria

#### **1998-2000: Lectures and seminars at the University of Paris 1 Pantheon-Sorbonne, France**

- Analysis and Design Methods for Information Systems Engineering: UML (MSc, 42 h, lectures)
- Requirements Engineering with Scenario-based Methods (MSc, 3 h, lecture)
- Requirements Engineering Method CREWS-L'Ecritoire (MSc, 3 h, lecture)
- Assembly-based Situational Method Engineering (MSc, 6h, research seminar)
- Analysis and Design Methods for Information Systems Engineering: ER and REMORA (Undergraduate, 90 h, seminars)
- Databases: functional dependencies, relational algebra, SQL (Undergraduate, 66 h, seminars)

#### **1995-1998: Seminars, University of Paris 1 Pantheon-Sorbonne, University of Paris 12 (Fontainebleau), University of Paris 11 (Orsay), France**

- Méthodes d'analyse et de conception et des systèmes d'information (Analysis and Design Methods): OOSE, UML (MSc, 24 h, lectures at the University of Paris 1)
- Méthodes d'analyse et de conception et des systèmes d'information (Analysis and Design Methods): ER and MERISE (Undergraduate, 36 h, seminars at the University of Paris 11)
- Bases de données (Databases: functional dependencies, relational algebra, SQL) (Undergraduate, seminars, 180 h at the University of Paris 1, 55 h at the University of Paris 12)
- Visual dBASE (Undergraduate, 18 h, seminars at the University of Paris 1)

#### **1992-1994: Middle School of the French Embassy in Vilnius, Lithuania**

- Classes of mathematics, physics and chemistry

## Direction and Examination of PhD, MSc and BSc Theses

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### 2001 – present: PhD Theses

#### **Direction**

- Muhammad Suleman, Joint PhD (Cotutelle) of the University of Geneva and Tampere University. "CIO: Agile IT Operating Model for Digital Optimization". Co-director Prof. Samulit Pekkola, University of Tampere, Finland, started February 2019.
- Wanda Opprecht, PhD Thesis in Information Systems: "Conceptual framework for the steering of information systems evolution", University of Geneva, Switzerland, defended March 2014.
- Nicolas Arni-Bloch, PhD Thesis in Information Systems: "Ingénierie des services informationnels à l'aide de méthodes situationnelles" ("Engineering Information Services with Situational Methods"), 2004 – 2009, University of Geneva, Switzerland, FNS Grant, defended March 10th, 2009.

#### **Examination**

- Opponent and Member of PhD Defence Committee: Raphaëlle Bour, PhD Thesis in Computer Science, University of Toulouse Capitole, France, defence December 2019.
- Opponent and Member of PhD Defence Committee: Ana Leon Palacio, PhD Thesis in Computer Science "SILE: A Method for the Efficient Management of Smart Genomic Information", supervised by Prof. Óscar Pastor López, Universitat Politècnica de València, Valencia, Spain, defence October 2019.
- External Examiner and Member of PhD Defence Committee: Lobna Azaza, PhD Thesis in Computer Science "Une approche pour estimer l'influence dans les réseaux complexes. Application au réseau social Twitter" (An approach to estimate the influence in complex networks. Application to the social network Twitter), University of Dijon, France, defended May 23<sup>rd</sup> 2019.
- Opponent and Secretary of the PhD Defence Committee: María Fernanda Granda Juca, PhD Thesis in Computer Science "Testing-Based Conceptual Schema Validation in a Model-Driven Environment", supervised by Prof. Nelly Córdori-Fernández, Prof. Tanja E. J. vos and Prof. Óscar Pastor López, Universitat Politècnica de València, Valencia, Spain, defended September 8<sup>th</sup> 2017.
- Reviewer: Marcela Ruiz, PhD Thesis in Computer Science "TraceME: Traceability-based Method for Conceptual Model Evolution", supervised by Prof. Óscar Pastor López and Dr. Sergio España Cubillo, Universitat Politècnica de València, Valencia, Spain, 2016.
- Opponent and Member of PhD Defence Committee: Adiran Iacovelli, PhD Thesis in Computer Science "A Service Oriented and Tool Supported Approach for Method Configuration" ("Approche orientée services pour la configuration de méthodes outillées"), supervised by Prof. Carine Souveyet, University of Paris 1 – Sorbonne, Paris, France, defended September 13<sup>th</sup>, 2012.
- Opponent and Member of PhD Defence Committee: Julio Hurtado, PhD Thesis in Computer Science "A Meta-process for Defining Adaptable Software Processes", supervised by Prof. Cecilia Bastarrica, University of Santiago de Chile, Santiago, Chile, defended September 3<sup>rd</sup>, 2012.
- External Examiner and Member of PhD Defence Committee: Ansem Ben Cheikh, PhD Thesis in Computer Science "E-CARe: A Method for Engineering Ubiquitous Information Systems" ("E-CARe : une méthode d'ingénierie des Systèmes d'Information ubiquitaires"), supervised by Prof. Jean-Pierre Giraudin, University of Grenoble, France, defended June 4<sup>th</sup>, 2012.
- External Examiner and Member of PhD Defence Committee: Charlotte Hug, PhD Thesis in Computer Science "Method, models and tools for meta-modelling of information systems engineering processes ("Méthode, modèles et outils pour la méta-modélisation des processus d'ingénierie de systèmes d'information"), supervised by Prof. Dominique Rieu, University of Grenoble 1, France, defended October 2009.
- Opponent and Member of PhD Defence Committee: Gemma Grau, PhD Thesis in Computer Science "An i\*-based Reengineering Framework for Requirements Engineering Processes", supervised by Prof. Xavier Franch, Polytechnic University of Catalonia, Barcelona, Spain, defended July 7<sup>th</sup>, 2008.
- Examiner and Member of PhD Defence Committee: Thang Le Dinh, PhD Thesis in Information Systems "Information System upon Information Systems: A Conceptual Framework", supervised by Prof. Michel Léonard, University of Geneva, Switzerland, defended November 2004.

## **2001 – present: Direction of MSc Theses at the University of Geneva**

- Mateja Nerima, MSc Thesis “A Digital Maturity Model Adapted to Mid-size Public Agencies”, 2019.
- Laurent Biggel, MSc Thesis “A Requirements Engineering Approach for New Technology Product Implementation in Small and Medium Organizations”, 2012.
- Caroline Faucherre, MSc Thesis “Situational Method Engineering for Business Innovation Case: Method Formalisation and Case Study”, 2011.
- Kevin Vlaandren, MBI Thesis “Product Software Knowledge Infrastructure”. Visit in Geneva November 2009 – February 2010. Directed by Prof. S. Brinkkemper, University of Utrecht, The Netherlands.
- Xavier Lamielle, MSc Thesis “A Framework for the Management of Distributed Information Systems Development” (original title “Un cadre de référence pour la gestion de développement distribué”), 2007.
- Noelle Mukendi Kabongo, MSc Thesis “Requirements Engineering: Information System for Continuous Education Management” (original title “Ingénierie des besoins en vue de la création d'un système de gestion de formation continue”), 2007.
- Ao Chen, MSc Thesis “Integration of Information System Components into Legacy Information Systems (original title “Etude de l'intégration d'un composant de système d'information dans un système d'information”), 2006.
- Cundrono Sudjana, MSc Thesis “Information Systems Evolution: IS Change Management and Study of its Impact on Different Design Views (requirements model, usage model and design model)”, 2005.
- Jessica Gamarra, MSc Thesis “Exploration of Methods for Web Service Engineering” (original title “Exploration des méthodes de conception des services web”), 2005.
- Christophe Chabard and Grégoire Meury, MSc Thesis “Analysis and Evolution of a Socio-Technical System at the TSR (Swiss Romande Television)” (original title “Etude d'un système d'animation graphique et de gestion des flux au sein de la Télévision Suisse Romande: De la recherche des besoins à la rédaction des cas d'utilisation”), 2005.
- Yahia cherif Moncef, MSc Thesis “Analysis and Characterisation of interoperability Situations in Information Systems Development”, 2005.
- Riadh Arfa, MSc Thesis “Situational Method Engineering for a Specific IS Engineer Profile” (original title “Proposition d'un modèle de processus d'analyse d'un métier autour d'un système d'information”), 2004.
- Mohamed Barboucha, MSc Thesis “Représentation de la méthode M7 sous forme de composants de method”, 2003.
- Mohamed Bounab, MSc Thesis “Situational Method Engineering: A State of the Art”, 2003.
- Nicolas Millier and Alexandra Martin, MSc Thesis “Design and Development of a B2B System” (ERP Project with Audemars-Piguet, Switzerland), 2002.

## **2001 – present: Direction of BSc Theses at the University of Geneva**

- Olivier Glaus, “Conception d'une plateforme web dynamique pour une entreprise locale”, May 2016.
- Axel Fournier, “La mise en place d'un nouveau système d'information : l'avant et l'après”, January 2016.
- Steven Haering, Jonas Martin, Sophie Minna, Arnaud Gerosa, BSc Thesis “Adoption et pérenisation d'un ERP dans une petite structure à fort taux de roulement”, August 2015.
- Alem Arslanagic, BSc Thesis “Techniques de développement des services web 2.0, avec orésentation du cas de la startup AllCharities”, August 2015.
- Michaël Savary, Ludmila Banaru, BSc Thesis “Conception d'un outil de diagnostique autoaprenant dans le domaine de ressources humaines”, August 2015.
- Flaurine Maunier, BSc Thesis “Implémentation d'un système de gestion d'évolution des SI”, July 2015.

- Jérémy Girard, BSc Thesis “Lancement d’une application smartphone FRYDGE”, June 2015.
- Anne Zoé Rime, BSc Thesis “Comment l’entreprise doit réagir face à l’expansion des TIC?”, June 2015.
- Federico Grecuccio, BSc Thesis “Transition aux méthodes Agiles : Problématiques courantes et solutions possibles”, June 2015.
- Olivier Vincent Mueller, BSc Thesis “Portails web d’entreprise: analyse et propositions d’amélioration du portail UniGE. August 2014.
- Ogniana Mileva, BSc Thesis “Le Cloud computing et son impact sur les coûts des petites et moyennes entreprises”, June 2014.
- Sébastien Rozand, BSc Thesis “Systemes d’information, nouvelles technologies et industrie du luxe”, on-going work, defence June 2014.
- Guillaume Dechevrens, BSc Thesis “Sécurité des systèmes bancaires en ligne”, on-going work, defence June 2014.
- Cédric Sacco and Rafael Boudjkhi, BSc Thesis “Impacts des nouvelles technologies d’information sur l’économie traditionnelle”, August 2014.
- José Da Silva Barbosa, Quan Nguyen, Emre Timuroglu, Lucas Pittet, Samy Ben Miled, Maxime Chudzinski, BSc Thesis “Evolution, implémentation et pérennisation d’un ERP au sein d’un cadre associative”, August 2014.
- Charlène Domon, BSc Thesis “Etude et création d’un site internet interactif: cas PROMAR SHIPPING SERVICES SA”, May 2014.
- Steeve Nono, BSc Thesis “Implémentaion des nouvelles technologies dans une entreprise de taille moyenne”, May 2014.
- Valentine Morand, BSc Thesis “Innovation in CRM: a case study of the Touring Club Suisse”, on-going work, February 2014.
- Marc Aurèle Shankar Amruthalingam, BSc Thesis “A long tail business model: case studies in two small enterprises”, May 2014.
- Mariano Mussetti, Rosaria Isabella Valenzi, Alexandre Tanner, Clara Rene Luis Arthur, David Garcia, Jéry Trelles and Sami Mohsen, BSc Thesis “A study of deploying an open source ERP in the context of an association” (“Etude de déploiement d’un open source ERP dans le cadre d’une structure associative”), September 2013.
- Vadym Mozgovoy, BSc Thesis “The role of information systems in the decision processes” (“Le rôle des systèmes d’information dans les processus décisionnelles”), June 2013.
- Daniele Vitelli, BSc Thesis “Le management des Systèmes d’Information et leurs places dans la vie économique des entreprises”, September 2013.
- Emilie Arsenijevic and Géraldine Willame, BSc Thesis “Comment différencier son offre totale face à la concurrence en tant qu’entreprise de renommée internationale? : Le cas de LG Hausys”, September 2013.
- Victoria Rajnac and Michael Andersen, BSc Thesis “To what degree did the outsourcing design and manufacturing contribute to bringing the Boeing Dreamliner 787 to success?”, June 2013.
- Alex Cipriani, BSc Thesis “Modélisation des objectifs du changement de réseau des Transports Publics Genevois du 11 décembre 2011”, September 2013.
- Jan Bonhôte and Mohamed-Lamine Camara, BSc Thesis “Information System Project for Improving Education and Marketing Departments Management at the Art School Canvas” (“Projet de Système d’Informations pour l’amélioration des segments pédagogique et marketing de l’école d’art et mode Canvas”, September 2012.
- Applying Content Management Systems for Dynamic Web Portal Development. 2004
- Development of a Dynamic Web Portal supporting Management of Certificates of Continuing Education. 2003

## 1997 – 1999: Direction of MSc Theses at the University of Paris 1 - Sorbonne

- 3 Dissertations in the domain of Situational Method Engineering. Co-direction with Prof. Colette Rolland.

## Research Interests and Achievements

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My current research interests are situated in the crossroad of the domains of Services Science, Digital Transformation and Information Systems Evolution. Besides, I am expert in the areas of Situational Method Engineering (SME), Requirements Engineering (RE), and Information Systems (IS) Engineering and Evolution.

### Information Services and Services Science

Handling the shift from traditional IS engineering towards the service-oriented one is one of my current research interests. In this field I am working on the following topics:

- **Information Services and Services Systems:** I consider the notions of information service and services system as prospective means to deal with information systems complexity, fragmentation and evolution issues. I'm interested in the approaches supporting the transition from legacy information systems to the information services and services systems.
- **Strategic and Responsible Exploration in Information Services Engineering:** I'm developing an agile and exploratory approach for engineering robust and cognitively embedded information services. The approach shall give the responsibility to the service users to ensure service continuity while taking into consideration related business changes and risks.
- **Transdisciplinary Information Services:** Transdisciplinarity and its impact on information services engineering is another topic that I'm passionate. I'm working on principles and approaches for information services co-design in the transdisciplinary context, in particular, the introduction of creativity, innovation and gaming techniques in the service engineering processes.
- **Requirements Engineering for Services:** Requirements engineering in the services science context has a few characteristics that makes it different from the traditional software RE. The main challenges in information service engineering include the volatility of service requirements, the necessity to involve the end users in the service design and to make them co-creators of the service, and the continuous evolution and adaptation of information services. RE for information services is one of my current research topics.

### Digital Transformation and Business Development with Services

Digital transformation is today a must in all societies: business, public organizations, and private life. It is not limited to the adoption of new information technologies. Digital transformation embraces innovation and creativity in enterprise activities and governance, and is key for its sustainability and prosperity. In this domain I'm interested in exploring how the concept of information service supports the development of business activities and their digital transformation.

### Information Systems Evolution Steering

Sustainability of enterprise IS largely depends on the quality of their evolution process and the ability of the IS evolution steering officers to deal with complex IS evolution situations. Taking a decision related to any IS change can be a troublesome responsibility because of the amount of information that has to be processed and the uncertainty of the impact of the change on the enterprise and its IS. To reduce this uncertainty, we are developing a conceptual framework for IS evolution steering taking into account the following challenges:

- **IS Dimensions and Complexity:** The most challenging in taking IS evolution decisions is to have a complete understanding of the situation, i.e. to have the right and thorough information. To deal with this challenge we have developed a metamodel, named IS-SM (Information System Steering Model) that allows to capture how enterprise IS are implemented (the structure of the information), how they support enterprise business activities, and how they comply with regulation policies governing these activities. With the help of this model we are able to implement an Informational Steering Information System – ISIS.
- **Responsibility Issues in IS Evolution Steering:** Based of IS-SM, we are developing an approach for analysing how the responsibility space of an IS actor (user) can be impacted by a particular IS

evolution. With this approach we aim to help the IS evolution steering officers to assess the impact of IS change and to reduce the risk of inappropriate decisions.

- **Guiding the IS Evolution:** Operationalization of an IS evolution is not only a question of a right decision but also a question of a right way to do it. Currently, we are working on the approach for decomposing a complex IS evolution into elementary operations and the guidance to execute them in a real context.
- **Reorganizing an Enterprise thanks to its IS:** IS evolution and enterprise reorganization are closely related. Usually, IS evolution is considered as a necessary consequence of enterprise reorganization. In our work we are exploring the opposite way, i.e. IS evolution as an underlying way to the enterprise reorganization, in particular, how our approach for IS evolution steering could be used to take enterprise reorganization related decisions.

### Situational Method Engineering

Since the beginning of my PhD, my main research domain is method engineering and in particular *situational method engineering*. The main objective of this discipline is to provide techniques and tools to support situation-specific information systems and services development and evolution. My main achievements in this area includes:

- **An approach for Assembly-based Situational Method Engineering:** I have developed a systematic approach for situation-specific method construction according to the project requirements by selecting and assembling method chunks stored in a method repository. This approach is based on the notion of method chunk and the assembly process which allows to consider the particular situation of the each IS development project and to construct a method the best fitting this situation.
- **Process Modelling Formalism MAP:** I have participated in the development of the process modelling formalism called MAP which allows to combine in the same model several ways to guide an engineering process. This multi-process representation is based on two main concepts – intention and strategy – where several strategies can be provided to achieve the same intention. MAP is used to formalise situation-specific methods.

Currently I'm working on new concepts and techniques to support situational method engineering and improve its applicability in practice. My new topics in this domain include:

- **MaaS – Method as a Service:** revision of the notion of method chunk in the service-driven context. The objective of this work is to improve the definition of method service granularity, interoperability and availability.
- **Method Family:** capturing commonality and variability of similar methods into a family of methods with the aim to facilitate method tailoring according to the company or project requirements.

### Requirements Engineering

As mentioned above, I'm particularly interested in RE for services and RE in the context of digital transformation. Previously, I have collaborated in the development of requirements engineering methods and their formalization according to the situational method engineering principles:

- **CREWS-L'Ecritoire:** this approach allows to discover information and software system requirements in the form of hierarchy of couples <goal, scenario>. The approach provides detailed guidelines for goal elicitation and scenario authoring and ensures the completeness and coherence of the obtained requirements specification. This work was realised at the University of Paris I – Sorbonne, France.
- **RESCUE:** the RESCUE (Requirements Engineering with Scenarios in User-Centred Environments) approach was re-defined following our situational method engineering approach into a collection of method chunks positioned in a strategic process model. This work was realised in collaboration with the Centre for HCI Design, City University, London, UK.

### Information Systems Engineering and Evolution

I'm interested in elaborating situation-specific methods dedicated to different information systems and services engineering situations. In particular, I have participated in the following realisations:

- **Interoperability of IS:** We have developed an approach based on a collection of method chunks dealing with IS interoperability issues and a framework for characterising interoperability



situations and identifying interoperability problems/opportunities. Three case studies were realised to evaluate our approach. This work was supported by the European Network of Excellence NoE INTEROP, IST – 508011.

- **E-government:** We have developed an approach for institutional ontology engineering based on low analysis. This ontology is then used as a background for institutional IS development. This work was realised in collaboration with the R&D Centre of the State of Geneva, Switzerland.
- **IS Evolution by Integration of New Services:** We have developed a situational approach to support enterprise legacy IS evolution by integrating new services. This approach is based on the notion of information service (ISS). We have provided a metamodel and guidelines for the ISS design and integration into existing IS. The method for ISS integration into legacy IS is composed of a collection of method chunks; it also provides guidance for method chunks selection according to the project situation and evaluation of the impact of ISS integration. This work was supported by the Swiss Research Foundation.
- **IS Security Management:** I have participated in the formalisation of a generic IS security management processes by using MAP formalism. This process model integrates different existing techniques into one multi-process model. This work was realised in collaboration with the Public Research Centre Henri Tudor, Luxembourg.
- **Distributed IS Development:** We have developed a framework supporting project management in distributed development of information systems: a support to identify and manage risks caused by different kinds of distances (geographical, temporal, socio-cultural, etc.).

## Research Activities, Projects and Services

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### Professional Affiliations

**IFIP WG 8.1** – International Federation of Information Processing, TC8 Information Systems, WG8.1 Design and Evaluation of Information Systems

**INFORSID** – Association francophone INFormatique des ORganisation et Systèmes d'Information et de Décision

**AIS** – Association of Information Systems

**IEEE** – Institute of Electrical and Electronics Engineers

**Think Services** – Think Tank “Think Services”, Switzerland

### Working Groups and Chairing Activities

- Chair, IFIP WG 8.1: Design and Evaluation of Information Systems. Elected for 2016 - 2021.
- Vice-Chair, IFIP WG 8.1: Design and Evaluation of Information Systems. 2010 - 2015.
- Core Group Member, Association Think Tank “Think Services”.
- Secretary, IFIP WG 8.1: Design and Evaluation of Information Systems, 2007 – 2009.
- Member, IFIP WG 8.1: Design and Evaluation of Information Systems, 2004 – present.
- Leader of the IFIP WG 8.1 Task Group on Method Engineering, 2004 – present.
- Leader of the Task Group: Methods, Requirements and Method Engineering for interoperability’, European Network of Excellence NoE INTEROP – Interoperability Research for Networked Enterprises Applications and Software, IST – 508011, 2005 – 2006.

### Invited Talks, Research Seminars and Tutorials

- Digital Transformation: Better Guided than Chaotic. Lecture at NEMO Summer School – Next Generation Enterprise Modelling in the Digital Transformation Age, University of Vienna, Austria, 15-26 July 2019.
- Contextual Aspects in Situational Method Engineering. Research seminar. University of Paris 1 Pantheon-Sorbonne. Paris, France, February 8, 2019.

- Contextual Aspects in Situational Method Engineering. Research seminar. Dagstuhl Seminar on Contextual Aspects in Situational Method Engineering (no 18471), Dagstuhl, Germany, November 21<sup>st</sup>, 2018.
- Digital Transformation: Guided rather than Chaotic. Lecture, University of Neuchatel, Switzerland, February 23, 2018.
- IS Evolution Steering: Defining the Responsibility Space. Research seminar. University of Paris 1 Pantheon-Sorbonne. Paris, France, February 9, 2018.
- Towards a Framework for Enterprise Information System Evolution Steering. Research seminar. University of Paris 1 Pantheon-Sorbonne. Paris, France, February 8, 2016.
- Towards a Framework for Enterprise Information System Evolution Steering. Invited Talk, 4th Jornadas de Ingeniería de Sistemas Informáticos y de Computación - JISIC 2015, Quito, Ecuador, November 16-19, 2015.
- Designing the Transformation from Information Systems to Information Services Systems. Invited Talk, 4th Jornadas de Ingeniería de Sistemas Informáticos y de Computación - JISIC 2015, Quito, Ecuador, November 16-19, 2015.
- Fundamentals and Challenges of Situational Method Engineering. Invited Talk, 4th Jornadas de Ingeniería de Sistemas Informáticos y de Computación - JISIC 2015, Quito, Ecuador, November 16-19, 2015.
- Fundamentals and Challenges of Situational Method Engineering. Research seminar at Beijing University, Beijing, China, July 8, 2015.
- Fundamentals and Challenges of Situational Method Engineering. Invited talk, 16<sup>th</sup> IEEE Conference on Business Informatics – CBI 2014, 14 – 17 July, Geneva, Switzerland.
- Situational Method Engineering: Achievements, Trends & Challenges. Research seminar, University of Chile, Santiago, Chile, September 2012.
- Requirements Engineering for Service Adaptation and Evolution. Panellist at the International Workshop REFS 2012, IEEE 36th Computer Software and Applications Conference – COMPSAC, Izmir, Turkey, 16-20 July 2012.
- Modélisation des processus: perspectives et techniques. Research seminar, University of Paris 1 Pantheon-Sorbonne, France, September 2011.
- Situational Method Engineering: Achievements, Trends & Challenges. Research seminar, University of Dublin, Ireland, June 2011.
- Situational Method Engineering for Interoperability. Research Seminar, Polytechnic University of Catalonia, Barcelona, Spain, April 2008.
- A Knowledge-Based Approach to Manage Information Systems Interoperability. Research Seminar, University of Utrecht, The Netherlands, March 2008.
- Modularisation Concepts in Method Engineering: Towards Common Ground? Panellist at IFIP WG 8.1 Working Conference on Situational Method Engineering: Fundamentals and Experiences (ME07), 12 - 14 September 2007, Geneva, Switzerland.
- Situational Method Engineering: Towards a Specific Method for Each System Development Project. Full-day tutorial, 12th International Conference on Reliable Software Technologies, Ada-Europe 2007, Geneva, 25-29 June 2007, <http://adae2007.eig.ch/tutorial.html>
- Situational Method Engineering: Method Chunks for Interoperability. Research Seminar. Valencia University of Technology, Department of information Systems. Valencia, Spain, April 2007.
- Importance des systèmes d'information, contribution théorique et pratique. Audition, HEC Lausanne, Novembre 2005.
- Ingénierie des méthodes situationnelles pour le développement des systèmes d'information. Audition, HEC Lausanne, Suisse, Novembre 2005.
- Assembly-based Situational Method Engineering. Research Seminar, University of Klagenfurt, Austria, December 2004.

- Rôle de méthodes dans l'ingénierie des systèmes d'information. Séminaire, HEC Lausanne, Mai 2003.
- Ingénierie des méthodes à base de composants. Tutorial, CTI, Geneva, January 2003.
- Méthodes situationnelles dans l'ingénierie des systèmes d'information. Séminaire, HCUGE, Geneva, December 2001
- Ingénierie des méthodes à base de composants. 19<sup>ème</sup> Congrès Informatique des Organisations et Systèmes d'Information et de Décision, INFORSID'01, Martigny, Switzerland, May 2001.
- Method Engineering through Chunk Assembly. Tutorial, 2<sup>nd</sup> Workshop on the Many Facets of Process Engineering, MFPE'99, Gammarth, Tunisia, May, 1999.

## **Editorial Work**

### ***Member of Editorial Board of International Journals***

IJISMD – International Journal of Information Systems Modeling and Design

IJISSS – International Journal of Information Systems in the Service Sector

### ***Editor of Special Issues in Journals***

- The Enterprise Modeling for Business Agility (with Jennifer Horkoff, Manfred Jeusfeld, and Dimitris Karagiannis). *Business & Information Systems Engineering* 60(1), Springer, 2018.
- De la gestion des documents à la recherche d'information (with Mireille Blay-Fornarino), *Document Numérique* 20(2), Lavoisier, 2017.
- Recherches & retours d'expériences en systèmes d'information (with Mireille Blay-Fornarino), *Ingénierie des systèmes d'information* 22(2), Lavoisier, 2017.
- Une vision SI de l'ingénierie des documents (with Agnès Front). *Document Numérique* 19(1), Lavoisier, 2016.
- Méthodes, langages et outils de modélisation pour l'ingénierie des SI. *Ingénierie des systèmes d'information*, Vol. 20(2), Lavoisier, 2015.
- *Advanced Information Systems Engineering* (with Xavier Franch). *Information Systems*, Vol. 43, Elsevier, 2014.
- *New Trends in Situational Method Engineering* (with Isabelle Mirbel and Rébecca Deneckère). *International Journal on Information Systems Modeling and Design*, 3(4), 2012, IG Global.
- *Service Quality* (with Natalia Kryvinska and Jean-Henry Morin). *Journal of Service Science Research*, 4(1): 1-6, 2012, Springer.
- *Situational Requirements Engineering Processes: reflecting on method engineering and requirements practice* (with Pär Ågerfalk.) *Software Process: Improvement and Practice*, 11 (5), 2006, John Wiley & Sons, Ltd.

### ***Reviewer for International Journals***

IJISMD – International Journal of Information Systems Modeling and Design

IJISSS – International Journal of Information Systems in the Service Sector

IS – Information Systems

JSS – Journal of Systems and Software

JAIS – Journal of the Association for Information Systems

JSSM – Journal of Service Science and Management

BISE – Business & Information Systems Engineering

CAIS – Communications of the Association for Information Systems

TSE – Transactions on Software Engineering

ISEBM – Information Systems and e-Business Management

EJIS – European Journal of Information Systems  
 AES – Advances in Engineering Software  
 INFOSOF – Information and Software Technology  
 SOSYM – Software and Systems Modeling  
 JSEP – Journal of Software: Evolution and Process  
 IJSOI – International Journal of Services Operations and Informatics  
 REEN – Requirements Engineering Journal  
 ISI – Ingénierie des Systèmes d’Information  
 APJIS – Asia Pacific Journal of Information Systems  
 CSIMQ – Complex Systems Informatics and Modeling Quarterly  
 Computing and Informatic  
 IJBIS – International Journal of Business Information Systems  
 DECSUP - Decision Support Systems  
 IJIIT – International Journal of Intelligent Information Technologies  
 DKE – Data & Knowledge Engineering  
 ODEE – Organizational Design and Enterprise Engineering  
 JSME – Journal of Software: Evolution and Process  
 IET Software

### **Research Projects and Collaborations**

- Collaboration with DISTIC (Division des Systèmes d'Information et de Communication) of the University of Geneva: a training program on Design of Information Services and Systems, 2018.
- WeezzLink – Projet cheque d’innovation CTI, No 17115.1 INNO-13-16-ES. Collaboration with SME Esperformance SA, Switzerland, 2015.
- SME – Situational Method Engineering. Collaboration with the research centre (CRI – Centre de Recherche en Informatique), University of Paris 1-Sorbonne, France, 2001 – present.
- Methods of IS Security Engineering. Collaboration with the Public Research Centre Henri Tudor, Luxembourg, 2008 - 2009.
- OUAPS ERP – ERP implementation project in the Swiss-French company OUAPS, Lausanne, Switzerland – Lyon, France, 2008 – 2009.
- Computer Aided Situational Method Engineering. Project supported by FNS (Swiss National Science Foundation), 2004 - 2008.
- MAeL (Méthode pour l'Administration en Ligne) – Method for e-administration. Collaboration with CTI (R&D centre of the State of Geneva), 2005 – 2007.
- SESAME - Smart Environment for Situational Method Engineering. Collaboration with EXeCO, I3S Laboratory - CNRS Sophia Antipolis - University of Nice, France. 2004 – 2007.
- Modular Method Re-engineering: Improving the RESCUE Requirements Process. Collaboration with the Centre for HCI Design, City University, London, UK, 2004 – 2005.
- European Network of Excellence Interop NoE – Interoperability Research for Networked Enterprise Applications and Software, FP6 508011, 2003 – 2006.
- Information system development project in the enterprise Audemars – Piguet, (Le Brassus, Switzerland). Requirements elicitation and conceptualisation, ERP selection, development, project management, 2001 – 2002.
- European research project CREWS – Co-operative Requirements Engineering With Scenarios, FP4 21.903, 1996 – 1999.

- Franco-Tunisian research project. Collaboration between the research centre CRI, University of Paris 1, and the laboratory PGL, Tunisian National School of Computer Science, 1997 – 2000.
- European research project TOOBIS – Temporal Object-Oriented Databases in Information Systems, 1995 – 1996.

### **Evaluation of Research Projects**

- Expert for the Natural Sciences and Engineering Research Council of Canada (NSERC). Review of the research project “Knowledge-based framework for big data-driven marketing” submitted for the Discovery Grants Program, January 2019.
- Expert for the Research Foundation Flanders (FWO), Belgium. Review of the application for Postdoctoral Fellow, the proposal entitled “PROFEELEARN: PROcess-oriented assessment and FEEdback mechanisms based on LEARNing process data analytics”, March 2016.
- Expert for the Research Council of the University of Leuven, Belgium. Review of the research project “Improving the semantic quality of conceptual models through text mining” (OT/13/024), March 2013.
- Expert for the Superior Council of the National Fund for Scientific & Technological Development (FONDECYT), Government of Chile, Santiago, Chile. Review of the research project “AMoDDI - Automatic Model-Driven Development Interoperability”, 2012.
- Expert for the JACQUARD programme (Joint Academic and Commercial Quality Research & Development), Netherlands Organization for Scientific Research (NWO). Review of the research project “The governance of open source software components in commercial systems”, 2006.

## **Services for International Conferences and Workshops**

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### **Steering Committee Member**

- CAiSE – International Conference on Advances Information Systems Engineering, since 2012.
- PoEM – IFIP WG8.1 Working Conference on Practice of Enterprise Modelling, since 2015.
- INFORSID – Congrès Francophone d'INformatique des ORganisation et Systèmes d'Information et de Décision, since 2014.
- RCIS – IEEE International Conference on Research Challenges in Information Science, since 2017.

### **General Chair**

- ME 2011 – IFIP WG 8.1 Working Conference on Method Engineering: Engineering Methods in the Service Oriented Context, Paris, France, April 20-22, 2011.

### **Program Chair**

- CAiSE 2017 Forum – A special track at the 29<sup>th</sup> International Conference on Advanced Information Systems Engineering, Essen, Germany, June 12-16, 2017.
- RCIS 2016 – 10<sup>th</sup> IEEE International Conference on Research Challenges in Information Science, June 1-3, 2016, Grenoble, France.
- PoEM 2015 – 8<sup>th</sup> IFIP WG 8.1 working conference on the Practice of Enterprise Modelling, November 10-12 2015, Valencia, Spain.
- CBI 2014 – 16<sup>th</sup> IEEE Conference on Business Informatics, Geneva, Switzerland, July 14-17, 2014.
- INFORSID 2014 – 32<sup>ème</sup> Congrès Informatique des Organisations et Systèmes d'Information et de Décision, Lyon, France, May 20-23, 2014.
- CAiSE 2012 – 24<sup>th</sup> International Conference on Advanced Information Systems Engineering, Gdansk, Poland, June 25-29, 2012.
- ME 2007 – IFIP WG 8.1 Working Conference on Situational Method Engineering: Fundamentals and Experiences, September 12-14, 2007, Geneva, Switzerland.

## **Doctoral Consortium Chair**

PoEM 2018 – 11<sup>th</sup> IFIP WG8.1 Working Conference on Practice of Enterprise Modelling, Vienna, Austria, October 31- November 2, 2018.

REFSQ 2018 – 24<sup>th</sup> International Working Conference on Requirements Engineering: Foundation for Software Quality, Utrecht, The Netherlands, March 19-22, 2018.

PoEM 2017 – 10<sup>th</sup> IFIP WG8.1 Working Conference on Practice of Enterprise Modelling, Leuven, Belgium, November 22-24, 2017.

REFSQ 2017 – 23<sup>rd</sup> International Working Conference on Requirements Engineering: Foundation for Software Quality, Essen, Germany, February 27 – March 2, 2017.

RCIS 2013 – 7<sup>th</sup> IEEE International Conference on Research Challenges in Information Science, May 29-31 2013, Paris, France.

I-ESA 2006 – 2<sup>nd</sup> International Conference on Interoperability for Enterprise Software and Applications, Bordeaux, France, March 20-24, 2006.

## **Workshops Chair**

CAiSE 2010 – 22<sup>nd</sup> International Conference on Advanced Information Systems Engineering, Hammamet, Tunisia, June 07-11, 2010.

OOIS 2003 – 9<sup>th</sup> International Conference on Object-Oriented Information Systems, Geneva, Switzerland, September 2003.

## **Tutorials Chair**

ER 2019 – 38<sup>th</sup> International Conference on Conceptual Modeling, Salvador, Bahia, Brazil, November 4-7, 2019.

CAiSE 2016 – 28<sup>th</sup> International Conference on Advanced Information Systems Engineering, June 13-17, 2016, Ljubljana, Slovenia.

CAiSE 2010 – 22<sup>nd</sup> International Conference on Advanced Information Systems Engineering, Hammamet, Tunisia, June 07-11, 2010.

ER 2008 – 27<sup>th</sup> International Conference on Conceptual Modeling, Barcelona, Spain, October 20-23, 2008.

## **Track Co-Chair**

AMCIS 2020 - 26<sup>th</sup> Americas Conference on Information Systems, Salt Lake City, Utah, August 12-16, 2020. Track: Organisational Transformation & Information Systems, Minitrack 3: Digital Transformation through Smart Services

EMMSAD 2020 - International Conference on Exploring Modeling Methods in Systems Analysis and Design, Grenoble, France, June 8-9, 2020. Track: Foundations of Modeling & Method Engineering.

EMMSAD 2019 - International Conference on Exploring Modeling Methods in Systems Analysis and Design, Roma, Italy, June 3-4, 2019. Track: Foundations of Modeling & Method Engineering.

AMCIS 2019 – 25<sup>th</sup> Americas Conference on Information Systems, Cancun, México, August 15-17, 2019. Minitrack: Digital Transformation with Smart Services.

AMCIS 2018 – 24<sup>th</sup> Americas Conference on Information Systems, New Orleans, LA, USA, August 16-18, 2018. Track: Organisational Transformation & Information Systems, Minitrack 6: Digital Transformation with Smart Services.

ECIS 2018 – 25<sup>th</sup> European Conference of Information Systems, Portsmouth, UK, June 23-28, 2018. Track on Knowledge-Intensive Smart Services and Their Applications.

REFSQ 2014 – 20<sup>th</sup> International Working Conference on Requirements Engineering: Foundation for Software Quality, Essen, Germany, April 07-10, 2014. Empirical Track Co-Chair.

ECIS 2013 – 21<sup>st</sup> European Conference of Information Systems, Utrecht, The Netherlands, June 5-8, 2013. Track on Methods, Tools and Human Factors in IS/IT Development and Management.

INFORSID 2013 – 31ème Congrès Informatique des Organisations et Systèmes d'Information et de Décision, Paris, France, May 29-31, 2013. Track on Methods and Creativity for Information Systems Engineering.

INFORSID 2012 – 30ème Congrès Informatique des Organisations et Systèmes d'Information et de Décision, Montpellier, France, May 29-31, 2012. Track on Method Engineering.

MCIS 2008 – Mediterranean Conference on Information Systems, Hammamet, Tunisia, October 23-26, 2008. Track on Flexible Information Systems Development.

### **Publication Chair**

CAiSE 2011 – 23<sup>rd</sup> International Conference on Advanced Information Systems Engineering, London, UK, June 20-24, 2011.

IESS 2011 – 2<sup>nd</sup> International Conference on Exploring Services Science, Geneva, Switzerland, February 16-18, 2011.

IESS 2010 – 1<sup>st</sup> International Conference on Exploring Services Science, Geneva, Switzerland, February 17-19, 2010.

### **Organization Committee Member**

IESS 2011 – 2<sup>nd</sup> International Conference on Exploring Services Science, Geneva, Switzerland, February 16-18, 2011.

IESS 2010 – 1<sup>st</sup> International Conference on Exploring Services Science, Geneva, Switzerland, February 17-19, 2010.

I-ESA 2005 – 1<sup>st</sup> International Conference on Interoperability of Enterprise Software and Applications, Geneva, Switzerland, February 21-25, 2005.

OOIS 2003 – 9<sup>th</sup> International Conference on Object-Oriented Information Systems, Geneva, Switzerland, September 2003.

### **Publicity Chair**

CAiSE 2015 – 27<sup>th</sup> International Conference on Advanced Information Systems Engineering, Stockholm, Sweden, June 8-12, 2015.

### **Workshop Organizer and Co-Chair**

SREP 2005 – International workshop Situational Requirements Engineering Processes – Methods, Techniques and Tools to Support Situation-Specific Requirements Engineering Processes. In conjunction with RE'05 – 13th IEEE International Requirements Engineering Conference, August 29 – September 2, 2005, Paris, France.

SREP 2007 – 2<sup>nd</sup> International Workshop on Situational Requirements on Engineering Processes: Tailoring Requirements Engineering Processes to the Global Context. In conjunction with RE'07 – 15th IEEE International Requirements Engineering Conference, October 15-19, 2007, Delhi, India.

EMSISE 2003 – International workshop on Engineering Methods to Support Information Systems Evolution. In conjunction with 9th International Conference OOIS'03, Geneva, Switzerland, September 2003. Direction du programme et organisation.

### **Mentor for Doctoral Consortium**

IEEE CBI 2019 – 21st IEEE Conference on Business Informatics, Moscow, Russia, July 15-17, 2019.

RCIS 2015 – 12<sup>th</sup> IEEE International Conference on Research Challenges in Information Science, Nantes, France, May 29-31, 2015.

RCIS 2015 – 9<sup>th</sup> IEEE International Conference on Research Challenges in Information Science, Athens, Greece, May 13-15, 2015.

INFORSID 2012 – 30ème Congrès Informatique des Organisations et Systèmes d'Information et de Décision, Montpellier, France, May 29-31, 2012.

CAiSE 2011 – 23<sup>rd</sup> International Conference on Advanced Information Systems Engineering, London, UK, June 20-24, 2011.

## **Associate Editor**

ECIS 2013 – 21<sup>st</sup> European Conference of Information Systems, Utrecht, The Netherlands, June 5-8, 2013.

ECIS 2009 – 17<sup>th</sup> European Conference on Information Systems, Verona, Italy, June 8-10, 2009.

## **Program Board Member (Meta-reviewer)**

CAiSE 2020 - 32<sup>nd</sup> International Conference on Advanced Information Systems Engineering, 8-12 June 2020, Grenoble, France

RCIS 2020 - 14<sup>th</sup> International Conference on Research Challenges in Information Science, 20-22 May 2020, Limassol, Cyprus

CAiSE 2019 – 31<sup>th</sup> International Conference on Advanced Information Systems Engineering, Roma, Italy, June 3-7, 2019.

RCIS 2019 – 13<sup>th</sup> IEEE International Conference on Research Challenges in Information Science, Brussels, Belgium, May 27-30, 2019.

CAiSE 2018 – 30<sup>th</sup> International Conference on Advanced Information Systems Engineering, Tallinn, Estonia, June 11-15, 2018.

RCIS 2018 – 12<sup>th</sup> IEEE International Conference on Research Challenges in Information Science, Nantes, France, May 29-31, 2018.

RCIS 2017 – 11<sup>th</sup> IEEE International Conference on Research Challenges in Information Science, Brighton, UK, May 10-12, 2017.

CAiSE 2014 – 26<sup>th</sup> International Conference on Advanced Information Systems Engineering, Thessaloniki, Greece, June 16-20, 2014.

RCIS 2013 – 7<sup>th</sup> IEEE International Conference on Research Challenges in Information Science, May 29-31 2013, Paris, France.

CAiSE 2013 – 25<sup>th</sup> International Conference on Advanced Information Systems Engineering, Valencia, Spain, June 17-21, 2013.

CAiSE 2011 – 23<sup>rd</sup> International Conference on Advanced Information Systems Engineering, London, UK, June 20-24, 2011.

## **Program Committee Member**

### **CAiSE – International Conference on Advanced Information Systems Engineering**

CAiSE 2017, 29<sup>th</sup>, Essen, Germany, June 12-16, 2017.

CAiSE 2016, 28<sup>th</sup>, Ljubljana, Slovenia, June 13-17, 2016.

CAiSE 2015, 27<sup>th</sup>, Stockholm, Sweden, June 8-12 2015.

CAiSE 2011, 23<sup>rd</sup>, London, UK, June 20-24, 2011.

CAiSE 2010, 22<sup>nd</sup>, Hammamet, Tunisia, June 07-11, 2010.

CAiSE 2009, 21<sup>st</sup>, Amsterdam, The Netherlands, June 2009.

CAiSE 2008, 20<sup>th</sup>, Montpellier, France, June 16-20, 2008.

CAiSE 2007, 19<sup>th</sup>, Trondheim, Norway, June 11-15, 2007.

CAiSE 2006, 18<sup>th</sup>, Luxembourg, June 5 - 9, 2006.

CAiSE 2005, 17<sup>th</sup>, Porto, Portugal, June 15 - 17, 2005.

CAiSE 2004, 16<sup>th</sup>, Riga, Latvia, June 7-11, 2004.

### **ER – International Conference on Conceptual Modeling**

ER 2019, 38<sup>th</sup>, Salvador, BA, Brazil, November 4-7, 2019.

ER 2018, 37<sup>th</sup>, Xi'an, China, October 22-25, 2018.

ER 2017, 36<sup>th</sup>, Valencia, Spain, November 6-9, 2017.

ER 2016, 35<sup>th</sup>, Gifu, Japan, November 14-17, 2016.

ER 2015, 34<sup>th</sup>, Stockholm, Sweden, October 19-22, 2015.

ER 2014, 33<sup>th</sup>, Atlanta, USA, October 27-30, 2014.

ER 2013, 32<sup>nd</sup>, Hong Kong, November 11-13, 2013.

ER 2012, 31<sup>st</sup>, Florence, Italy, October 15-18, 2012.

ER 2011, 30<sup>th</sup>, Brussels, Belgium, October 31 – November 3, 2011.



### **REFSQ – Working Conference on Requirements Engineering: Foundation for Software Quality**

REFSQ 2019, 25<sup>th</sup>, Essen, Germany, March 18-21, 2019.  
REFSQ 2018, 24<sup>th</sup>, Utrecht, The Netherlands, March 19-22, 2018.  
REFSQ 2014, 20<sup>th</sup>, Essen, Germany, April 7-10, 2014.  
REFSQ 2013, 19<sup>th</sup>, Essen, Germany, April 8-11, 2013.  
REFSQ 2012, 18<sup>th</sup>, Essen, Germany, March 19-22, 2012.  
REFSQ 2011, 17<sup>th</sup>, Essen, Germany, March 28-30, 2011.  
REFSQ 2008, 14<sup>th</sup>, Montpellier, France, June 16-17, 2008.  
REFSQ 2007, 13<sup>th</sup>, Trondheim, Norway, June 11-12, 2007.  
REFSQ 2006, 12<sup>th</sup>, Luxembourg, June 5-6, 2006.  
REFSQ 2005, 11<sup>th</sup>, Porto, Portugal, June 13-14, 2005.  
REFSQ 2004, 10<sup>th</sup>, Riga, Latvia, June 7-8, 2004.  
REFSQ 2003, 9<sup>th</sup>, Velden, Austria, June 16-17, 2003.  
REFSQ 2002, 8<sup>th</sup>, Essen, Germany, September 9-10, 2002.

### **RCIS – IEEE International Conference on Research Challenges in Information Science**

RCIS 2015, Athens, Greece, May 13-15, 2015.  
RCIS 2014, Marrakesh, Morocco, May 28-30, 2014.  
RCIS 2012, Valencia, Spain, May 16-18, 2012.  
Doctoral Consortium at RCIS 2012, Valencia, Spain, May 16-18, 2012  
RCIS 2011, Guadeloupe – French West Indies, France, May 19-21, 2011.  
RCIS 2010, Nice, France, May 19-21, 2010.  
RCIS 2009, Fès, Morocco, April 22-24, 2009.  
RCIS 2008, Marrakech, Morocco, June 3-6, 2008.  
RCIS 2007, Marrakech, Ouarzazate, April 23-26, 2007.

### **EMMSAD – International Conference on Exploring Modeling Methods in Systems Analysis and Design**

EMMSAD 2019, Rome, Italy, June 3-4, 2019.  
EMMSAD 2018, Tallinn, Estonia, June 11-12, 2018,  
EMMSAD 2017, Essen, Germany, June 12-13, 2017.  
EMMSAD 2016, Ljubljana, Slovenia, June 13-14, 2016.  
EMMSAD 2015, Stockholm, Sweden, June 8-9 2015.  
EMMSAD 2014, Thessaloniki, Greece, June 16-17, 2014.  
EMMSAD 2013, Valencia, Spain, June 17-18, 2013.  
EMMSAD 2012, Gdansk, Poland, June 25-26, 2012.  
EMMSAD 2011, London, UK, June 20-21, 2011.  
EMMSAD 2010, Hammamet, Tunisia, June 07-08, 2010.  
EMMSAD 2009, Amsterdam, The Netherlands, June 2009.  
EMMSAD 2008, Montpellier, France, June 16-17, 2008.  
EMMSAD 2007 – International Workshop, Trondheim, Norway, June 11-12, 2007.  
EMMSAD 2006 – International Workshop, Luxembourg, June 5-6, 2006.

### **PoEM – IFIP WG8.1 Working Conference on The Practice of Enterprise Modeling**

PoEM 2019, 12<sup>th</sup>, Luxembourg, November 27-29, 2019.  
PoEM 2018, 11<sup>th</sup>, Vienna, Austria, October 31- November 2, 2018.  
PoEM 2017, 10<sup>th</sup>, Leuven, Belgium, November 22-24, 2017.  
PoEM 2016, 9<sup>th</sup>, Skövde, Sweden, November 9-11, 2016.  
PoEM 2014, 7<sup>th</sup>, Manchester, UK, November 12-13, 2014.  
PoEM 2013, 6<sup>th</sup>, Riga, Latvia, November 6-7, 2013.  
PoEM 2012, 5<sup>th</sup>, Rostock, Germany, November 7-8, 2012.  
PoEM 2011, 4<sup>th</sup>, Oslo, Norway, November 2-3, 2011.  
PoEM 2010, 3<sup>rd</sup>, Delft, The Netherlands, November 9-10, 2010.  
PoEM 2009, 2<sup>nd</sup>, Stockholm, Sweden, November 18-19, 2009.  
PoEM 2008, 1<sup>st</sup>, Stockholm, Sweden, November 11-13, 2008.

### **IEEE CBI – IEEE Conference on Business Informatics (IEEE CEC)**

IEEE CBI 2019, 21<sup>st</sup>, Moscow, Russia, July 15 – 17, 2019.  
IEEE CBI 2018, 20<sup>th</sup>, Vienna, Austria, July 11-14, 2018.

IEEE CBI 2017, 19<sup>th</sup>, Thessaloniki, Greece, July 24-27, 2017.  
IEEE CBI 2016, 18<sup>th</sup>, Paris, France, August 29 – September 1, 2016.  
IEEE CBI 2015, 17<sup>th</sup>, Lisbon, Portugal, July 13-16, 2015.  
IEEE CBI 2013, 15<sup>th</sup>, Vienna, Austria, July 15-18, 2013.  
IEEE CEC 2012, 14<sup>th</sup>, Hangzhou, China, September 9-11, 2012.  
IEEE CEC 2011, 13<sup>th</sup>, Luxembourg, September 5-7, 2011.

#### **ICEIS – International Conference on Enterprise Information Systems**

ICEIS 2015, 17<sup>th</sup>, Barcelona, Spain, April 27-30, 2015.  
ICEIS 2014, 16<sup>th</sup>, Lisbon, Portugal, April 27-30, 2014.  
ICEIS 2013, 15<sup>th</sup>, Angers, France, July 3-7, 2013.  
ICEIS 2011, 13<sup>th</sup>, Beijing, China, June 8-11, 2011.  
ICEIS 2010, 12<sup>th</sup>, Funchal, Madeira – Portugal, June 8-12, 2010.  
ICEIS 2009, 11<sup>th</sup>, Milan, Italy, May 6-10, 2009.  
ICEIS 2008, 10<sup>th</sup>, Barcelona, Spain, June 12-16, 2008.  
ICEIS 2007, 9<sup>th</sup>, Funchal, Madeira, Portugal, June 12-16, 2007.

#### **IESS – International Conference on Exploring Services Science**

IESS 2010, Porto, Portugal, February 5-7, 2020.  
IESS 2018, Karlsruhe, Germany, September 19-21, 2018.  
IESS 2017, Roma, Italy, May 24-26, 2017.  
IESS 2016, Bucharest, Romania, May 25-27, 2016.  
IESS 2015, Porto, Portugal, February 5-6, 2015.  
IESS 2014, Geneva, Switzerland, February 6-7, 2014.  
IESS 2013, Porto, Portugal, February 7-8, 2013.  
IESS 2012, Geneva, Switzerland, February 15-17, 2012.  
IESS 2011, Geneva, Switzerland, February 16-18, 20101  
IESS 2010, Geneva, Switzerland, February 17-19, 2010.

#### **INFORSID – Congrès Informatique des Organisations et Systèmes d'Information et de Décision**

INFORSID 2019, 37<sup>ème</sup>, Paris, France, June 10-15, 2019.  
INFORSID 2017, 35<sup>ème</sup>, Toulouse, France, May 30 – June 2, 2017.  
INFORSID 2015, 33<sup>ème</sup>, Biarritz, France, May 26-29, 2015.  
INFORSID 2013, 31<sup>ème</sup>, Paris, France, May 29-31, 2013.  
INFORSID 2012, 30<sup>ème</sup>, France, May 29-31, 2012.  
INFORSID 2010, 28<sup>ème</sup>, Marseille, France, May 25-28, 2010.  
INFORSID 2008, 26<sup>ème</sup>, Fontainebleau, France, May 27-30, 2008.  
INFORSID 2006, 24<sup>ème</sup>, Tunisie, June 1-3, 2006.  
INFORSID 2002, 20<sup>ème</sup>, Nantes, France, June 2002.

#### **APCCM – Asia-Pacific Conference on Conceptual Modelling,**

APCCM 2019, 15<sup>th</sup>, Sydney, Australia, January 29-31, 2019.  
APCCM 2018, 14<sup>th</sup>, Brisbane, Australia, January 29-February 2, 2018.  
APCCM 2017, 13<sup>th</sup>, Geelong, Victoria, Australia, January 31 – February 3, 2017.  
APCCM 2016, 12<sup>th</sup>, Auckland, Canberra, Australia, February 2-5, 2016.  
APCCM 2015, 11<sup>th</sup>, Australia, January 27- 30, 2015.  
APCCM 2014, 10<sup>th</sup>, Auckland, New Zealand, January 20-23, 2014.

#### **SoEA4EE – International Workshop on Service-oriented Enterprise Architecture for Enterprise Engineering**

SoEA4EE 2019, 11<sup>th</sup>, in conjunction with EDOC, Paris, France, October 28, 2019.  
SoEA4EE 2018, 10<sup>th</sup>, in conjunction with EDOC, Stockholm, Sweden, October 16, 2018  
SoEA4EE 2017, 9<sup>th</sup>, in conjunction with EDOC, Québec, Canada, October 10, 2017  
SoEA4EE 2016, 8<sup>th</sup>, in conjunction with EDOC, Vienna, Austria, September 5, 2016  
SoEA4EE 2015, 7<sup>th</sup>, in conjunction with EDOC, Adelaide, Australia, September 22, 2015.  
SoEA4EE 2014, 6<sup>th</sup>, in conjunction with EDOC, Ulm, Germany, September 2, 2014.  
SoEA4EE 2013, 5<sup>th</sup>, in conjunction with EDOC, Vancouver, Canada, September 9, 2013.

### **MReBA – International Workshop on Conceptual Modeling in Requirements and Business Analysis**

MReBA 2019, 6<sup>th</sup>, co-located with ER 2019, Salvador BA, Brazil, November 4-7, 2019.  
MReBA 2018, 5<sup>th</sup>, co-located with ER 2018, Xi'an, China, October 22-25, 2018.  
MReBA 2017, 4<sup>th</sup>, co-located with ER 2017, Valencia, Spain, November 6-9, 2017.  
MReBA 2016, 3<sup>rd</sup>, co-located with ER 2016, Gifu, Japan, November 14-17, 2016.  
MReBA 2015, 2<sup>nd</sup>, co-located with ER 2015, Stockholm, Sweden, October 19-22, 2015.  
MReBA 2014, 1<sup>st</sup>, co-located with ER 2014, Atlanta, USA, October 27-30, 2014.

### **ASDENCA – International Workshop on Advances in Services Design based on the Notion of Capability**

ASDENCA 2018, 4<sup>th</sup>, co-located with CAiSE 2018, Tallinn, Estonia, June 11, 2018.  
ASDENCA 2017, 3<sup>rd</sup>, co-located with CAiSE 2017, Essen, Germany, June 12, 2017.  
ASDENCA 2016, 3<sup>rd</sup>, co-located with CAiSE 2016, Stockholm, Ljubljana, Slovenia, June 14, 2016.  
ASDENCA 2015, 2<sup>nd</sup>, co-located with CAiSE 2015, Stockholm, Sweden, June 9, 2015.  
ASDENCA 2014, 1<sup>st</sup>, Thessaloniki, Greece, June 16-20, 2014.

### **QMMQ – International Workshop on Quality of Models and Models of Quality**

QMMQ 2018, 5<sup>th</sup>, co-located with ER 2018, Xi'an, China, October 22-25, 2018.  
QMMQ 2017, 4<sup>th</sup>, co-located with ER 2017, Valencia, Spain, November 6-9, 2017.  
QMMQ 2016 3<sup>rd</sup>, co-located with ER 2016 Gifu, Japan, November 14-17, 2016.  
QMMQ 2015, 2<sup>nd</sup>, co-located with ER 2015, Stockholm, Sweden, October 19-22, 2015.  
QMMQ 2015, 1<sup>st</sup>, co-located with ER 2014, Atlanta, USA, October 27-30, 2014.

### **QLOD – Atelier Qualité des Données du Web**

QLOD 2017, joint à la conférence francophone Extraction et Gestion des Connaissances - EGC 2017, France, 2017.  
QLOD 2016, joint à la conférence francophone EGC 2016, Reims, France, 19 Janvier 2016.

### **ECIS – European Conference of Information Systems**

ECIS 2013, 21<sup>st</sup>, Utrecht, The Netherlands, June 5-8, 2013.  
ECIS 2010, 18<sup>th</sup>, Pretoria, South Africa, June 6-9, 2010.  
ECIS 2009, 17<sup>th</sup>, Verona, Italy, June 8-10, 2009.  
ECIS 2008, 16<sup>th</sup>, Galway, Ireland, June 9-11, 2008.

### **ICSOFT – International Conference on Software and Data Technologies**

ICSOFT-PT 2014, 9<sup>th</sup> International Conference on Software Paradigm Trends, Vienna, Austria, August 29-31, 2014.  
ICSOFT 2012, 7<sup>th</sup>, Rome, Italy, July 24-27, 2012.  
ICSOFT 2011, 6<sup>th</sup>, Seville, Spain, July 18-21, 2011.  
ICSOFT 2010, 5<sup>th</sup>, Athens, Greece, July 22-24, 2010.  
ICSOFT 2009, 4<sup>th</sup>, Sofia, Bulgaria, July 26-29, 2009.  
ICSOFT 2008, 3<sup>rd</sup>, Porto, Portugal, July 5-8, 2008.  
ICSOFT 2007, 2<sup>nd</sup>, Barcelona, Spain, July 22-25, 2007.  
ICSOFT 2006, 1<sup>st</sup>, Setubal, Portugal, September 11-14, 2006.

### **ME – Method Engineering**

ME 2011 – IFIP WG 8.1 Working Conference on Method Engineering: Engineering Methods in the Service Oriented Context, Paris, France, April 20-22, 2011.  
ME 2007 – IFIP WG 8.1 Working Conference on Situational Method Engineering: Fundamentals and Experiences, Geneva, Switzerland, September 12-14, 2007.

### **BUSITAL – International Workshop on BUSIness/IT ALignment and Interoperability**

BUSITAL 2014, 9<sup>th</sup>, in conjunction with CAiSE 2014, Thessaloniki, Greece, June 16-20, 2014.  
BUSITAL 2013, 8<sup>th</sup>, in conjunction with CAiSE 2013, Valencia, Spain, June 17, 2013.  
BUSITAL 2012, 7<sup>th</sup>, in conjunction with CAiSE 2012, Gdansk, Poland, June 25, 2012.  
BUSITAL 2011, 6<sup>th</sup>, in conjunction with CAiSE 2011, London, UK, June 20, 2011.

### **PRET – Workshop on Practice-driven Research on Enterprise Transformation**

PRET-6, collocated with ECIS 2013, Utrecht, The Netherlands, June 5-8, 2013.

PRET-5, organised jointly with the 7th Workshop on Trends in Enterprise Architecture Research (TEAR 2012), Barcelona, Spain, October 22-26, 2012.

PRET-4, organized as Industrial Track of CAiSE 2012, Gdansk, Poland, June 25-29, 2012.

### **ENASE – International Conference on Evaluation of Novel Approaches to Software Engineering**

ENASE 2011, 6<sup>th</sup>, Beijing, China, June 8-11, 2011.

ENASE 2010, 5<sup>th</sup>, Athens, Greece, July 22-24, 2010.

### **BMSD – International Symposium on Business Modeling and Software Design**

BMSD 2013, 3<sup>rd</sup>, Noordwijkerhout, The Netherlands, July 8-10, 2013.

BMSD 2012, 2<sup>nd</sup>, Geneva, Switzerland, July 4-6, 2012.

BMSD 2011, 1<sup>st</sup>, Sofia, Bulgaria, July 27-28, 2011.

### **ADBIS – East-European Conference on Advances in Databases and Information Systems**

ADBIS 2011, 15<sup>th</sup>, Vienna, Austria, September 19-23, 2011.

ADBIS 2005, 9<sup>th</sup>, Tallinn, Estonia, September 12-15, 2005.

### **I-ESA – International Conference on Interoperability for Enterprise Software and Applications**

I-ESA 2007, 3<sup>rd</sup>, Funchal (Madeira Island), Portugal, March 28th – 30th, 2007.

I-ESA 2006, 2<sup>nd</sup>, Bordeaux, France, March 20 – 24, 2006.

I-ESA 2005, 1<sup>st</sup>, Geneva, Switzerland, February 21-25, 2005.

### **BIR – International Conference on Perspectives in Business Informatics Research**

BIR 2007, 6<sup>th</sup>, Tampere, Finland, October 5-6, 2007.

BIR 2006, 5<sup>th</sup>, Kaunas, Lithuania, September 2006.

BIR 2005, 4<sup>th</sup>, Skövde, Sweden, October 3-4, 2005.

### **RIGIM – International Workshop on Requirements, Intentions and Goals in Conceptual Modeling**

RIGIM 2012, 4<sup>th</sup>, in conjunction with ER 2012, Italy, October 15-18, 2012.

RIGIM 2009, 3<sup>rd</sup>, in conjunction with ER 2009, Gramado, Brazil, November 9-12, 2009.

RIGIM 2008, 2<sup>nd</sup>, in conjunction with ER 2008, Barcelona, Spain, October 20-24, 2008.

RIGIM 2007, 1<sup>st</sup>, in conjunction with the ER 2007, Auckland, New Zealand, November 5-7, 2007.

### **MUSE – International Workshop on Metamodelling – Utilization in Software Engineering**

MUSE 2008, 3<sup>rd</sup>, in conjunction with ICSOFT 2008, Porto, Portugal, July 5-8, 2008.

MUSE 2007, 2<sup>nd</sup>, in conjunction with ICSOFT 2007, Barcelona, Spain, July 22 - 25, 2007.

MUSE 2006, 1<sup>st</sup>, in conjunction with ICSOFT 2006, Setúbal, Portugal, September 11, 2006.

### **Miscellaneous**

#### **2018**

CooPIS 2018 – 26<sup>th</sup> International Conference on Cooperative Information Systems, Valletta, Malta, October 24-26 2018.

#### **2017**

10th SIGSAND/PLAIS EuroSymposium, Gdansk-Sopot, Poland, September 22nd, 2017.

5th International Conference on Serviceology – ICServ2017, Vienna, Austria, July 2017.

Doctoral Consortium at RCIS 2017 – 11<sup>th</sup> IEEE International Conference on Research Challenges in Information Science, May 10-12, 2017.

#### **2015**

CooPIS 2015 – 23<sup>rd</sup> International Conference on Cooperative Information Systems, Rhodes, Greece, 28-30 October 2015.

CRE 2015 – 1<sup>st</sup> Workshop on Continuous Requirements Engineering, Co-located with REFSQ 2015, Essen, Germany, March 23, 2015.

ICSSI 2015 – 7<sup>th</sup> International Conference on Service Science and Innovation

## 2014

EVL-BP 2014 – 7<sup>th</sup> International Workshop on Evolutionary Business Processes, Ulm, Germany, September 1-2, 2014.

## 2003-2013

BalticDB&IS 2012 – International Baltic Conference on Databases and Information Systems, Vilnius, Lithuania, July 9-11 2012.

REFS 2012 – 6<sup>th</sup> International Workshop on Requirements Engineering for Services, with COMPSAC 2012, Izmir, Turkey, July 16-20, 2012.

WGBP 2010 – International Workshop on Goal-based Business Process Engineering. In conjunction with 14<sup>th</sup> IEEE EDOC 2010, Vitoria, ES, Brazil, October 25-29, 2010.

BPM 2008 – 6<sup>th</sup> International Conference on Business Process Management, Milan, Italy, September 1-4, 2008.

LISS 2011 – International Conference on Logistics, Informatics and Service Science, Beijing, China, June 8-11, 2011.

GISP 2010 (avec WCC'10) – IFIP TC 8 Conference on Global Information Systems Processes, World Computer Congress, Brisbane, Australia, September 20-23, 2010.

FIPA-DPDF 2010 – International IEEE FIPA Workshop on Design Process Documentation and Fragmentation, Lyon, France, August 30 – September 2, 2010.

iiWAS 2008 – International Conference on Information Integration and Web-based Applications & Services, Linz, Austria, November 24-26, 2008.

OOIS 2003 – 9<sup>th</sup> International Conference on Object-Oriented Information Systems, Geneva, Switzerland, September 2003.

MCIS 2008 – Mediterranean Conference on Information Systems, Hammamet, Tunisia, October 23-26, 2008.

TPSE 2005 – IBIMA 2005 conference on Theory and Practice of Modern Software Engineering, Cairo, Egypt, December 16-18, 2005.

3rd International Workshop on Method Engineering for Object-Oriented and Component-Based Development, San Diego, USA, October 16-20 2005. In conjunction with the International Conference on Object-Oriented Programming, Systems, languages and Applications, OOPSLA'05.

Workshop on Process Engineering for Object-Oriented and Component-Based Development in conjunction with OOPSLA 2003, October 2003.

## Publications

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H-index (Google scholar): 21

Number of co-authored books: 1

Number of edited special issues in journals: 9

Number of edited books and conference proceedings: 22

Number of publications in refereed journals: 19

Number of publications in refereed conference proceedings: 49

Number of book chapters: 10

Number of technical reports: 4

Most of the publications are available at [https://www.researchgate.net/profile/Jolita\\_Ralyte](https://www.researchgate.net/profile/Jolita_Ralyte)

Google Scholar <https://scholar.google.ch/citations?user=g-eCFB4AAAAJ&hl=fr>

## Books

1. Henderson-Sellers, B., Ralyté, J., Ågerfalk, P. and Rossi, M. *Situational Method Engineering*. Springer. May 2014, ISBN: 978-3-642-41466-4, DOI: 10.1007/978-3-642-41467-1.

## Edited Special Issues in Journals

1. Horkoff, J., Jeusfeld, M., Ralyté, J. and Karagiannis, D. (2018) *The Enterprise Modeling for Business Agility*. *Business & Information Systems Engineering* 60(1), Springer, 2018.
2. Ralyté, J. and Blay-Fornarino, M. (2017) Numéro spécial « De la gestion des documents à la recherche d'information ». *Document Numérique* 20(1), Lavoisier, 2017.
3. Blay-Fornarino, M. and Ralyté, J. (2017) Numéro spécial « Recherches & retours d'expériences en systèmes d'information ». *Ingénierie des systèmes d'information* 22(1), Lavoisier, 2017.
4. Front, A. and Ralyté, J. (2016). Numéro spécial « Une vision SI de l'ingénierie des documents ». *Document Numérique* 19(1): 7-8, Lavoisier.
5. Ralyté, J. (2015). Numéro spécial « Méthodes, langages et outils de modélisation pour l'ingénierie des systèmes d'information ». *Ingénierie des Systèmes d'Information*, Vol. 20(2), Lavoisier.
6. Franch, X. and Ralyté, J. (2014). Special Section on Advanced Information Systems Engineering. *Information Systems*, 43: 65, Elsevier.
7. Mirbel, I., Ralyté, J. and Deneckère, R. (2012). Special Issue on New Trends in Situational Method Engineering. *International Journal on Information Systems Modeling and Design*, 3(4), IG Global.
8. Kryvinska, N., Ralyté, J. and Morin, J-H. (2012). Special Issue on Service Quality. *Journal of Service Science Research*, 4(1), Springer.
9. Ågerfalk, P.J. and Ralyté, J. (2006). Special Issue on Situational Requirements Engineering Processes: reflecting on method engineering and requirements practice. *Software Process: Improvement and Practice*. John Wiley & Sons, Ltd. Vol. 11 (5).

## Edited Books and Conference Proceedings

1. Ralyté, J. and Wautelet, Y. (Eds.) (2018): *Proceedings of the Doctoral Consortium Papers presented at the 11th IFIP WG 8.1 Working Conference on the Practice of Enterprise Modelling (PoEM 2018)*, Vienna, Austria, October 31 - November 2, 2018. CEUR-WS Vol. 2234, CEUR-WS.org 2018.
2. Schmid, K., Spoletini, P., Ben Charrada, E., Chisik, Y., Dalpiaz, F., Ferrari, A., Forbrig, P., Franch, X., Kirikova, M., Madhavji, N.H., Palomares, C., Ralyté, J., Sabetzadeh, M., Sawyer, P., van der Linden, D., Zamansky, A. (Eds.) (2018): *Joint Proceedings of REFSQ-2018 Workshops, Doctoral Symposium, Live Studies Track, and Poster Track co-located with the 24th International Conference on Requirements Engineering: Foundation for Software Quality (REFSQ 2018)*, Utrecht, The Netherlands, March 19, 2018. CEUR-WS Vol. 2075, CEUR-WS.org 2018.
3. Ralyté, J., Roelens, B. and Demeyer, S. (Eds.) (2017): *Proceedings of PoEM 2017 Doctoral Consortium and Industry Track Papers presented at the 10th IFIP WG8.1 working conference on the Practice of Enterprise Modelling - PoEM 2017*, Leuven, Belgium, November 22-24, 2017. CEUR-WS Vol. 2027, <http://ceur-ws.org/Vol-2027/>.
4. Franch, X., Ralyté, J., Matulevicius, R., Salinesi, C. and Wieringa, R.: *Proceedings of the Forum and Doctoral Consortium Papers Presented at the 29th International Conference on Advanced Information Systems Engineering, CAiSE 2017*, Essen, Germany, June 12-16, 2017. CEUR-WS Vol. 1848, <http://ceur-ws.org/Vol-1848/>.
5. Knauss, E., Susi, A., Ameller, D., Berry, D.M., Dalpiaz, F., Daneva, M., Daun, M., Dieste, O., Forbrig, P., Groen, E.C., Herrmann, A., Horkoff, J., Meshesha Kifetew, F., Kirikova, M., Knauss, A., Maeder, P., Massacci, F., Palomares, C., Ralyté, J., Seffah, A., Siena, A., Tenbergen, B. (Eds.) (2017) *Joint Proceedings of REFSQ-2017 Workshops, Doctoral Symposium, Research Method Track, and Poster Track co-located with the 23rd International Conference on Requirements Engineering: Foundation for Software Quality (REFSQ 2017)*, Essen, Germany, February 27, 2017. CEUR-WS Vol. 1796, <http://ceur-ws.org/Vol-1796/>.
6. España, S., Ralyté, J. and Souveyet, C. (Eds.) (2016) *Proceedings of the IEEE 10th International Conference on Research Challenges in Information Science - RCIS 2016*. 1-3 May 2016, Grenoble, France.

7. Ralyté, J., España, S. and Pastor, O. (Eds.) (2015) *The Practice of Enterprise Modeling. Proceedings of 8th IFIP WG 8.1 Working Conference, PoEM 2015, Valencia, Spain, November 10-12, 2015*, LNBIP Vol. 235, Springer.
8. España, S., Ralyté, J., Soffer, P., Zravkovic, J. and Pastor, O. (Eds.) (2015) *Proceedings of Short and Doctoral Consortium Papers Presented at the 8th IFIP WG 8.1 Working Conference on the Practice of Enterprise Modeling – PoEM 2015, Valencia, Spain, November 10-12, 2015*, <http://ceur-ws.org/Vol-1497/>
9. Proper, E., Ralyté, J. (Eds.) (2014) *Proceedings of the 16<sup>th</sup> IEEE Conference on Business Informatics – CBI 2014, Geneva, Switzerland, 14-27 July 2014*.
10. Ralyté, J. (Ed.) (2014) *Actes du 32<sup>ème</sup> Congrès INFORSID, 20-23 mai 2104, Lyon, France*. ISBN: 2-906855-29-4.
11. Penzenstadler B., Persson A., Herrmann A., Daneva M., Doerr J., Hoffmann A., Schneider K., Kalenborn A., Trapp M., Wieringa R., Berry D.M., Franch X., Ralyté, J. Wnuk K., Gervasi V., (Eds.) *Joint Proceedings of REFSQ-2014 Workshops, Doctoral Symposium, Empirical Track, and Posters, co-located with the 20th International Conference on Requirements Engineering: Foundation for Software Quality (REFSQ 2014), Essen, Germany, April 7-10, 2014*. CEUR-WS Vol. 1138, <http://ceur-ws.org/Vol-1138/>.
12. Ralyté, J., Franch, X., Brinkkemper, S. and Wrycza, S. (Eds.) (2012) *Advanced Information Systems Engineering. Proceedings of the 24th International Conference CAiSE 2012, LNCS Vol. 7328*. Springer.
13. Ralyté, J., Mirbel, I. and Deneckère, R. (Eds.) (2011). *Engineering Methods in the Service Oriented Context. Proceedings of the IFIP W.G.8.1 Working Conference on Method Engineering – ME'11. April 20-22, 2011, Paris, France, Springer IFIP AICT, Vol. 351*.
14. Snene, M., Ralyté, J. and Morin, J-H. (Eds.) (2011). *Exploring Services Science. Proceedings of the 2nd International Conference on Exploring Services Science – IESS 2011. LNBIP Vol. 82, Springer*.
15. Nurcan, S., Salinesi, C, Souveyet, C. and Ralyté, J. (Eds.) (2010). *Intentional Perspectives on Information Systems Engineering*. Springer, Berlin/Heidelberg.
16. Morin, J-H., Ralyté, J. and Snene, M. (Eds.) (2010). *Exploring Services Science. Proceedings of the 1st International Conference on Exploring Services Science – IESS 2010. LNBIP Vol. 53, Springer*.
17. Ralyté, J. and Plebani, P. (Eds.) (2010). *Proceedings of CAiSE'10 Workshops. June 7-11, 2010, Hammamet, Tunisia. Available in CEUR-WS*.
18. Ralyté, J., Brinkkamper, S. and Henderson-Sellers, B. (Eds.) (2007). *Situational Method Engineering: Fundamentals and Experiences. Proceedings of the IFIP WG 8.1 Working Conference, 12-14 September 2007. Geneva, Switzerland. IFIP Vol. 244, Boston, Springer*.
19. Ralyté, J., Brinkkamper, S. and Henderson-Sellers, B. (Eds.) (2007). *Poster Proceedings of the IFIP WG8.1 Working Conference on Situational Method Engineering: Fundamentals and Experiences (ME07). Technical Report UU-CS-2007-026, ISSN 0924 3275, University of Utrecht, Department of Information and Computing Sciences, The Netherlands, www.cs.uu.nl*.
20. Ralyté, J., Di Marzo Serugendo, D. (Eds.) (2006). *Proceedings of the Doctoral Symposium at the International Conference on Interoperability for Enterprise Applications and Software, I-ESA 2006*.
21. Ralyté, J., Ågerfalk P.J., Kraiem, N. (Eds.) (2005). *Situational Requirements Engineering Processes: Methods, Techniques and Tools to Support Situation-Specific Requirements Engineering Processes. Proceedings of the International Workshop SREP'05 (<http://cui.unige.ch/db-research/SREP05/>), 13th IEEE International Requirements Engineering Conference RE'05, Paris, France, 29-30 August 2005. Printed at the University of Limerick, Ireland, ISBN: 1-874653-82-8*.
22. Ralyté, J., Rolland, C., (Eds.) (2003). *Engineering Methods to Support Information Systems Evolution. Proceedings of the International Workshop EMSISE'03 (<http://cui.unige.ch/db-research/EMSISE03/>), 9th International Conference OOIS'03, Geneva, Switzerland, September 2003. Printed at the University of Geneva, Switzerland*.

### **Publications in Refereed Journals**

1. Horkoff, J., Jeusfeld, M.A., Ralyté, J., and Karagianis, D. (2018) *Enterprise Modeling for Business Agility*. Editorial. *Business Information System Engineering*, 60(1):1–2, Springer, <https://doi.org/10.1007/s12599-017-0515-z>.

2. Horkoff, J., Jeusfeld, M.A. and Ralyté, J. (2018) Interview with Anne Persson on “The Practice of Enterprise Modeling”. *Business Information System Engineering*, 60(1):87–89, Springer, <https://doi.org/10.1007/s12599-017-0508-y>.
3. Ralyté, J. and Blay-Fornarino, M. (2017) Introduction. Numéro spécial « De la gestion des documents à la recherche d’information ». *Document Numérique* 20(2), Lavoisier, 2017
4. Blay-Fornarino, M. and Ralyté, J. (2017) Editorial. Numéro spécial « Recherches & retours d’expériences en systèmes d’information ». *Ingénierie des systèmes d’information* 22(2), Lavoisier, 2017.
5. Front, A. and Ralyté, J. (2016). Introduction. Numéro spécial « Une vision SI de l’ingénierie des documents ». *Document Numérique* 19(1): 7-8, Lavoisier.
6. Ralyté, J. (2015). Introduction. Numéro spécial « Méthodes, langages et outils de modélisation pour l’ingénierie des systèmes d’information ». *Ingénierie des Systèmes d’Information*, 20(2), Lavoisier.
7. Ralyté, J., Khadraoui, A., Léonard, M. (2015). Designing the Shift from Information Systems to Information Services Systems. *Business and Information Systems Engineering*, 57(1): 37-49, Springer.
8. Franch, X. and Ralyté, J. (2014). Preface. Special Section on Advanced Information Systems Engineering. *Information Systems*, 43: 65, Elsevier.
9. Deneckère, R., Kornysheva, E., and Ralyté, J. (2014). Famille de méthodes: la flexibilité au cœur du processus de construction de méthode. *Revue Ingénierie des Systèmes d’information*, n° 1/2014, 67-95, Lavoisier.
10. Ralyté, J. (2013). Towards a Method Family Supporting Information Services Co-creation in the Transdisciplinary Context. *International Journal of Information Systems Modeling and Design*, Vol. 4(3), IGI-Global.
11. Kryvinska, N., Ralyté, J. and Morin, J-H. (2012). Special Issue on Challenges and Advances on Service Quality Aspects: Editorial Preface. *Journal of Service Science Research*, 4(1): 1-5, Springer.
12. Mirbel, I., Ralyté, J. and Deneckère, R. (2012). Special Issue on New Trends in Situational Method Engineering. Guest Editorial Preface. *International Journal on Information Systems Modeling and Design*, 3(4), IG Global.
13. Henderson-Sellers, B. and Ralyté, J. (2010). Situational Method Engineering: State-of-the-Art Review. *Journal of Universal Computer Science*, Vol. 16(3) (2010), 424-478.
14. Ralyté J., Lamielle, X., Arni-Bloch N., Léonard, M. (2008). Distributed Information Systems Development: A Framework for Understanding and Managing. *International Journal of Computer Science & Applications*, Special issue New Trends in Information System Modelling, Vol. 5(3b): 1-24.
15. Ralyté J., Jeusfeld M. A., Backlund P., Kühn H., Arni-Bloch N. (2008). A Knowledge-based Approach to Manage Information Systems Interoperability. *Information Systems*, Vol. 33(7-8): 754-784. Special issue on Advances in Data and Service Integration. Elsevier <http://dx.doi.org/10.1016/j.is.2008.01.008>
16. Mirbel, I. and Ralyté, J. (2006). Situational Method Engineering: Combining Assembly-Based and Roadmap-Driven Approaches, *Requirements Engineering*, Vol. 11(1): 58–78, Springer.
17. Ågerfalk, P.J. and Ralyté, J. (2006). Situational Requirements Engineering Processes: reflecting on method engineering and requirements practice. *Software Process: Improvement and Practice*. John Wiley & Sons, Ltd. Vol. 11 (5): 477-450.
18. Ben Ayed, M., Ralyté, J., Rolland, C. (2004). Constructing the Lyee Method with a Method Engineering Approach. *Knowledge-Based Systems Journal*, Vol. 17, No.7-8, 239-248.
19. Rolland, C., Ben Achour, C., Cauvet, C., Ralyté, J., Sutcliffe, A., Maiden, N.A.M., Jarke, M., Haumer, P., Pohl, K., Dubois, E., Heymans, P. (1998). A Proposal for a Scenario Classification Framework. *Requirements Engineering*, Vol. 3(19). 23-47, Springer-Verlag.

### **Publications in Refereed Conferences and Monographs**

1. Ralyté, J. and Léonard, M. (2020): Tiers-Lieu for Services: An Exploratory Approach to Societal Progression. In: Nóvoa, M.H, Dragoicea, M. Kühn, N. (eds): *Exploring Service Science*. IESS 2020, LNBP 377, Springer, pp. 289-303.
2. Ralyté, J. and Léonard, M. (2019): Exploring the Concept of “Tiers-Lieu” for Information Services: The Value of Conceptual Modeling. In: *Joint Proceedings of the ER Forum and Poster & Demos Session 2019*



co-located with 38th International Conference on Conceptual Modeling (ER 2019), Salvador, Brazil, November 4, 2019. CEUR Workshop Proceedings vol. 2469, <http://ceur-ws.org/Vol-2469/>

3. Ralyté, J. (2019): Une approche situationnelle pour la définition et l'adaptation d'une méthode d'évolution logicielle pilotée par les données. In : Proceedings of INFORSID 2019, pp. 169-170.
4. Ralyte, J. and Franch, X. (2018): Using Contextual Goal Models for Constructing Situational Methods. In: Trujillo, J.C. et al. (eds.) Conceptual Modeling, Proceedings of the 37th International Conference ER 2018, Springer, LNCS 11157, pp. 440-448, 2018.
5. Franch, X., Ralyté, J., Perini, A., Abelló, A., Ameller, D., Gorroñoigoitia, J., Nadal, S., Oriol, M., Seyff, N., Siena, A., Susi, A. (2018) A Situational Approach for the Definition and Tailoring of a Data-Driven Software Evolution Method. In: J. Krogstie and H.A. Reijers (eds.) Advanced Information Systems Engineering, Proceedings of the 30th International Conference CAiSE 2018, LNCS 10816, Springer, pp. 603-618.
6. Ralyté, J., and Léonard, M. (2017) Evolution Models for Information Systems Evolution Steering. In: Poels G., Gailly F., Serral Asensio E., Snoeck M. (eds), The Practice of Enterprise Modeling, Proceedings of 10th IFIP WG 8.1. Working Conference PoEM 2017, LNBIP 305, pp. 221-235, Springer.
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8. Ralyté, J., Opprecht, W. and Léonard, M. (2016) Defining the Responsibility Space for the Information Systems Evolution Steering. In: The Practice of Enterprise Modeling, Proceedings of 9th IFIP WG 8.1. Working Conference PoEM 2016, LNBIP 267, pp.: 179-193, Springer 2016.
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