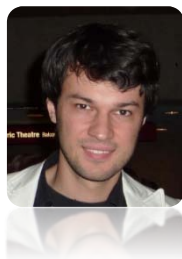


curriculum vitae



Personal information

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E-mail(s) m.larosa@qut.edu.au / marcello.larosa@gmail.com
Web page www.marcellolarosa.com
Nationality Italian
Date of birth 23/10/1980
Gender Male

Research Interests

Business Process Management, with a focus on process configuration, process automation and collaborative process modeling. Web Services and Service-Oriented Architectures, with a focus on service design and analysis.

Teaching Interests

Business Process Management including Modeling and Automation, Enterprise Software Architectures, Service-Oriented Architectures and Web Services, Model-driven Architectures, Software Engineering, Information Modeling, Database Systems, Object-oriented Programming, Programming Languages, Web Development, Operating Systems.

Education

Dates	Dec 2005 - Apr 2009
Title of qualification awarded	PhD in Computer Science
Dissertation Topic	<i>Managing Variability in Process-Aware Information Systems</i> My PhD research is showcased at www.processconfiguration.com .
Supervisory Team	Prof. Marlon Dumas (principal), Prof. Arthur H.M. ter Hofstede, Prof. Jan Mendling
Name and type of organization providing education and training	Business Process Management Research Group at Faculty of Science & Technology, Queensland University of Technology, 126 Margaret Street, GPO Box 2434, Brisbane, QLD 4001, Australia. www.bpm.fit.qut.edu.au / www.qut.edu.au
Level in international classification	ISCED 6
Dates	Sep 1999 - Jul 2005
Title of qualification awarded	5-year "Laurea" degree in Computer Engineering – Systems and Applications in Computer Science (equivalent to a BScEng + MScEng), with the grade of 110/110 "summa cum laude"
Principal subjects/Occupational skills covered	General mathematical analysis, physics, chemistry, electrotechnics, electronics, automation, knowledge of business and its economic

Name and type of organization
providing education and training
Level in international classification

Occupational

computer architecture, operating systems, software engineering, networks, databases, programming and modeling languages

Politecnico di Torino, 24 Corso Duca degli Abruzzi, 10129 Turin (TO), Italy
www.polito.it

ISCED 5A

Awards

- Recipient of a *Grant-In-Aid* conference grant for attending the international conference CAiSE'07 (Trondheim, Norway, 11-15 June 2007).
- Recipient of an *ARC Discovery Scholarship* for postgraduate studies leading to a PhD degree in the field of Next Generation Reference Process Models.
- Recipient of a *QUT Tuition Fee Waiver Scholarship* for postgraduate studies leading to a PhD degree.
- Recipient of a *Research Capacity Building Award* scholarship for postgraduate studies leading to a PhD degree.

Academic Contribution

(* indicates best publication)

PhD Thesis

M. La Rosa, "Managing Variability in Process-Aware Information Systems". Queensland University of Technology, Brisbane, Australia, April 2009.

Conferences, Workshops

* M. La Rosa, J. Lux, S. Seidel, M. Dumas and A.H.M. ter Hofstede, "Questionnaire-driven Configuration of Reference Process Models". In *Proceedings of the 19th International Conference on Advanced Information Systems Engineering (CAiSE 07)*, Trondheim, Norway. LNCS Vol. 4495, pp. 424-438, Springer 2007 (**acceptance rate: 12.8%, CORE: A**).

F. Gottschalk, T.A.C. Wagemakers, M.H. Jansen-Vullers, W.M.P. van der Aalst and M. La Rosa, "Configurable Process Models: Experiences from a Municipality Case Study". In *Proceedings of the 21th International Conference on Advanced Information Systems Engineering (CAiSE 09)*, Amsterdam, The Netherlands. LNCS Vol. 5565, pp. 486-500, Springer 2009 (**acceptance rate: 16%, CORE: A**).

M. La Rosa, M. Dumas, A. ter Hofstede, J. Mendling, F. Gottschalk, "Beyond Control-Flow: Extending Business Process Configuration to Resources and Objects". In *Proceedings of the 27th International Conference on Conceptual Modeling (ER 08)* (**acceptance rate: 18.5%, CORE: B, nominated for Best Paper Award**).

W. van der Aalst, M. Dumas, F. Gottschalk, A. ter Hofstede, M. La Rosa, J. Mendling, "Correctness-Preserving Configuration of Business Process Models". In *Proceedings of Fundamental Approaches to Software Engineering (FASE 08)*, Budapest, Hungary. LNCS Vol. 4961, pp. 46-61, Springer 2008 (**acceptance rate: 26%, CORE: B**).

C. Ouyang, A. ter Hofstede, M. La Rosa, M. Rosemann, K. Shortland and D. Court, "Camera, Set, Action: Automating Film Production via Business Process Management". In *Proceedings of the International Conference "Creating Value: Between Commerce and Commons"*, 2008.

M. La Rosa, A. ter Hofstede, M. Rosemann and K. Shortland, "Bringing Process to Post Production". In *Proceedings of the International Conference "Creating Value: Between Commerce and Commons"*, 2008.

S. Balko, A.H.M. ter Hofstede, A. Barros, M. La Rosa and M. Adams, "Controlled Flexibility and Lifecycle Management of Business Processes through Extensibility". In *Proceedings of the 3rd International Workshop on Enterprise Modelling and Information Systems Architectures (EMISA'09)*, Ulm, Germany. GI (forthcoming).

M. La Rosa, J. Mendling, "Domain-driven Process Adaptation in Emergency Scenarios" (invited paper). In *Proceedings of the 1st International Workshop on Process Management for Highly Dynamic and Pervasive Scenarios (BP4HDPS) at BPM 2008*, Milan, Italy. LNBP 17, pp. 280-287, Springer, 2009.

M. La Rosa, F. Gottschalk, M. Dumas and W.M.P. van der Aalst, "Linking Domain Models and Process Models for Reference Model Configuration". In *Proceedings of the 10th International Workshop on Reference Modeling (RM 07) at BPM 2007*, Brisbane, Australia. LNCS Vol. 4928, pp.

417–430, Springer 2008.

G. Bruno, G. Bruno and M. La Rosa, "On Collaborations and Choreographies". In *Proceedings of the 1st International Workshop on Technologies for Collaborative Business Process Management (TCoB 2006) at ICEIS 2006*, pp. 3-12, INSTICC Press, 2006.

G. Bruno and M. La Rosa, "From collaboration models to BPEL processes through service models". In *Proceedings of the 1st International Workshop on Web Service Choreography and Orchestration for Business Process Management at BPM 2005*, Nancy, France. LNCS Vol. , pp. 16-30, Springer, 2005.

Journal articles

* C. Ouyang, M. La Rosa, A. ter Hofstede, M. Dumas and K. Shortland, Towards Web-Scale Workflows for Film Production, *IEEE Internet Computing*, Sep/Oct 2008 (**CORE: A, ISI Impact Factor: 2.309**).

W. van der Aalst, M. Dumas, F. Gottschalk, A. ter Hofstede, M. La Rosa, J. Mendling, Correctness-Preserving Configuration of Business Process Models. To appear in *Formal Aspects of Computing (FACS)* (**CORE: A, ISI Impact Factor: 1.149**).

F. Gottschalk, W.M.P. van der Aalst, M.H. Jansen-Vullers and M. La Rosa. Configurable Workflow Models, *International Journal of Cooperative Information Systems*, Vol. 17 No. 2 June 2008 (**CORE: B, ISI Impact Factor: 0.714**).

M. La Rosa, Wil M.P. van der Aalst, M. Dumas and A.H.M. ter Hofstede. Questionnaire-based Variability Modeling for System Configuration, *Software and Systems Modeling*, 2009 (**CORE: B**).

C. Ouyang, K. Wang, A. ter Hofstede, M. La Rosa, M. Rosemann, K. Shortland and D. Court, Camera, Set, Action: Process Innovation for Film and TV Production. *Cultural Science*, Vol. 1 No. 2. 2008.

Book chapters

F. Gottschalk, M. La Rosa, "Process Configuration". In A. ter Hofstede, W. van der Aalst, N. Russell, M. Adams (eds.) *Modern Business Process Management: YAWL*. Springer, 2009.

M. Adams, M. Dumas, M. La Rosa, "The Architecture". In A. ter Hofstede, W. van der Aalst, N. Russell, M. Adams (eds.) *Modern Business Process Management: YAWL*. Springer, 2009.

S. Clemens, M. La Rosa, A.H.M. ter Hofstede, "The Design Environment". In A. ter Hofstede, W. van der Aalst, N. Russell, M. Adams (eds.) *Modern Business Process Management: YAWL*. Springer, 2009.

M. La Rosa, S. Clemens, A.H.M. ter Hofstede, "The Order Fulfilment Process Model". In A. ter Hofstede, W. van der Aalst, N. Russell, M. Adams (eds.) *Modern Business Process Management: YAWL*. Springer, 2009.

M. La Rosa, M. Dumas, A.H.M. ter Hofstede, "Modeling Business Process Variability". In J. Cardoso, W. van der Aalst (eds.), *Handbook of Research on Business Process Modeling*, IDEA Group – Information Science Reference, 2009.

J.-H. Sewing, M. Rosemann, M. Dumas and M. La Rosa, "Assessing The Potential Impact Of Web Services On Business Processes", In Lee I. (editor) *E-Business Models, Services, and Communications - Advances in E-Business Research Series* (Vol. 2, 2007). IDEA Group – Information Science Reference, 2007.

G. Bruno, M. La Rosa, "Collaboration based on Web Services", In G. Putnik. M. M. Cunha, *Encyclopedia of Networked and Virtual Organizations*, IDEA Group – Information Science Reference, 2007.

C. Ouyang, W. M. P. van der Aalst, M. Dumas, A.H.M. ter Hofstede, M. La Rosa, "Service-Oriented Processes: An Introduction to BPEL" (Chapter 8). In J. Cardoso (editor), *Semantic Web Services: Theory, tools and Applications*. IDEA Group – Information Science Reference, 2006.

Demo papers

M. La Rosa, F. Gottschalk, "Synergia – Comprehensive Tool Support for Configurable Process Models", in A. K. Alves de Medeiros, B. Weber, *Demo Track of Business Process Management 2009*, CEUR (forthcoming).

M. Adams, S. Clemens, M. La Rosa, A.H.M. ter Hofstede, "YAWL: Power through Patterns", in A. K. Alves de Medeiros, B. Weber, *Demo Track of Business Process Management 2009*, CEUR (forthcoming).

Under review

M. La Rosa, W. van der Aalst, M. Dumas, A. ter Hofstede, J. Mendling, "Configurable Multi-Perspective Business Process Models". Submitted to *Information Systems (CORE: A*, ISI Impact Factor: 1.681)*.

Technical reports

J. Mendling, M. La Rosa, A.H.M. ter Hofstede, "Correctness of Business Process Models with Roles and Objects".

White papers

M. La Rosa, M. Dumas, "Configurable Process Models: How To Adopt Standard Practices In Your How Way?", BPTrends Newsletter, November 2008, www.bptrends.com

C. Ouyang, M. La Rosa, G. Redding and J. Prestedge, "Applying YAWL for the Automated Execution of Film Production Processes", YAWL White Paper, sourceforge.net/projects/yawl

Presentations / Seminars

M. La Rosa, Configurable and Executable Business Process Models. Presentation at the Business Process Management Research Group Seminar, QUT. Brisbane Australia, 15 March 2007

M. La Rosa, Questionnaire-driven Configuration of Reference Process Models. Presentation at the Business Process Management Research Group Seminar, QUT. Brisbane Australia, 7 June 2007

M. La Rosa, Questionnaire-driven Configuration of Reference Process Models. Presentation at the Department of Technology Management. Eindhoven University of Technology. The Netherlands, 25 June 2007

A. ter Hofstede, M. Adams, M. La Rosa, C. Ouyang, M. Wynn, YAWL: Yet Another Workflow Language. Presentation for Business Process Mapping at the Queensland University of Technology. Brisbane, Australia, 13 February 2008

M. La Rosa, Business Process Configuration. Presentation at the Institute of Mathematics and Computer Science, University of Tartu. Estonia, 19 March 2008

A. ter Hofstede, M. La Rosa, C. Ouyang, YAWL: Yet Another Workflow Language. Presentation at the Business Process Automation Group. Brisbane, Australia, 9 May 2008

M. La Rosa, Managing Variability in Process-Aware Information Systems. Presentation at the Department of Computer Science, Faculty of Mathematical, Physical and Natural Science, University of Verona. Italy, 12 January 2009

M. La Rosa, Managing Variability in Process-Aware Information Systems. Presentation at the Department of Technology Management. Eindhoven University of Technology. The Netherlands, 29 June 2009

Academic visits

Date	June-July 2009
Location	Department of Mathematics and Computer Science, Eindhoven University of Technology, The Netherlands
Date	January 2009
Location	Department of Computer Science, Faculty of Mathematical, Physical and Natural Science, University of Verona, Italy
Date	March 2008
Location	Institute of Mathematics and Computer Science, University of Tartu, Estonia

Date June 2007
Location Department of Technology Management, Eindhoven University of Technology, The Netherlands

Professional service

- Reviewer for *Encyclopedia of Networked and Virtual Organizations*, IDEA Group-Reference, 2007
- Reviewer for the 4th *International Conference on Business Process Management*, BPM 2006
- Reviewer for the 5th *International Conference on Business Process Management*, BPM 2007
- Reviewer for the mini-track *Business Process Automation and Management @ AMICS 2008*
- Reviewer for the 6th *International Conference on Business Process Management*, BPM 2008
- Reviewer for *Software and Systems Modeling*, 2008
- Reviewer for the *Handbook of Research on Business Process Modeling*, 2008
- Co-reviewer for *Software and System Modeling*, 2008
- Reviewer for Mini-track Business Process Management and Innovation @ AMICS 2009
- Reviewer for Mini-track Enterprise Architectures @ AMICS 2009
- Reviewer for *Journal of Systems and Software*, 2009
- PC Member for ProGility 2009
- PC Member for BPM 2009 Demos

Teaching experience

Dates Mar 2006 – Aug 2006
Sep 2006 – Oct 2006

Occupation or position held Preparation of teaching material for the session "Principles of Service-Oriented Architectures", part of the 10-day course "Architectural Skills for Strategic ICT Consultancy". The course has been provided by Queensland University of Technology to companies such as Infosys Technologies Limited and Mincom Limited.

Dates Semester 2, 2008

Occupation or position held Lecturer for units ITB/N-717: Enterprise Software Architecture, Queensland University of Technology

Dates Semester 2, 2006 / Semester 2, 2007 / Semester 2, 2008

Occupation or position held Tutor for units ITB/N-717: Enterprise Software Architecture, Queensland University of Technology

Continuing Professional Education

Training courses on Business Process Management for Government agencies

Courses

S. Chong, M. La Rosa, J. Recker, M. Rosemann: Business Process Management Workshop. 7-day seminar for Australian Federal Police, Canberra, Australia. May-June 2009.

M. La Rosa, J. Recker: Business Process Modeling Notation Workshop. 2-day public seminar, Queensland University of Technology, Brisbane, Australia. April 2009.

M. La Rosa, J. Recker, M. Rosemann: Business Process Management Workshop. 4-day seminar for Shared Service Agency, Brisbane, Australia. April 2009.

M. La Rosa, J. Recker, M. Rosemann: Business Process Management Workshop. 4-day seminar for Shared Service Agency, Brisbane, Australia. October 2008.

M. La Rosa, M. Wynn: Business Process Modelling Notation Workshop. 2-day seminar for Shared Service Agency, Brisbane, Australia. August 2008.

M. La Rosa, J. Recker, M. Wynn: Business Process Management Workshop. 3-day seminar for Dep. of Education, Training and the Arts, Brisbane, Australia. August 2008.

M. La Rosa: Business Process Modelling Notation Workshop. 2-day seminar for Shared Service Agency, Brisbane, Australia. June 2008.

W. Bandara, T. de Bruin, M. La Rosa, J. Mendling, M. Rosemann: Business Process Management Workshop. 5-day seminar for Dep. of Justice and Attorney-General, Brisbane, Australia. May 2008.

Occupation or position held Trainer

Supervision

Dates	Sep 2008 – Oct 2008
Occupation or position held	Supervision of an internship/research project @ Red Hat Inc., Brisbane
Dates	Feb 2008 – May 2008
	Supervision of a software development project for undergraduate student @ QUT

Work experience

Dates	Aug 2007 - Aug 2008
Occupation or position held	Software Developer
Main activities and responsibilities	Code-merge of QUT's YAWL source base and first:utility's YAWL source base. Bug fixing. YAWL Engine and Editor testing. Documentation update. Design of a new YAWL Editor as a plugin of the Eclipse platform. <u>Programming languages used:</u> Java, JSP.
Name and address of employer	first:utility, Athena House : Athena Drive, Tachbrook Park, Warwick, CV34 6RL, England www.firstutility.com
Type of business or sector	Workflow Management Systems, Business Process Management
Dates	Mar 2007- Sep 2007
Occupation or position held	Software Project Manager
Main activities and responsibilities	Technical coordination of the YAWL team for the development of an extension of the YAWL Workflow Management System to support the screen production process. The software was tested within the student production projects at the Australian Film, Television and Radio School of Sydney. <u>Project details:</u> "YAWL for the Screen Business" is part of the ARC Centre of Excellence "Business Process Management for the Creative Industries". <u>Programming languages used:</u> Java, JSP, JavaScript.
Name and address of employer	Business Process Management Research Group at Queensland University of Technology, 126 Margaret Street, GPO Box 2434, Brisbane, QLD 4001, Australia www.bpm.fit.qut.edu.au / www.qut.edu.au
Type of business or sector	Workflow Management Systems, Business Process Management
Date	Mar 2007
Occupation or position held	Software Developer
Main activities and responsibilities	Developing a Windows installer for the YAWL Workflow Management System. Bug fixing. <u>Programming languages used:</u> Java.
Name and address of employer	Business Process Management Research Group at Queensland University of Technology, 126 Margaret Street, GPO Box 2434, Brisbane, QLD 4001, Australia www.bpm.fit.qut.edu.au / www.qut.edu.au
Type of business or sector	Workflow Management Systems, Business Process Management

Personal skills and competences

Language skills	<ul style="list-style-type: none">- Italian (native speaker)- English (fluent)
Social skills and competences	<ul style="list-style-type: none">- team spirit- good ability to adapt to multicultural environments- good communication skills- flexibility
Organisational skills and competences	<ul style="list-style-type: none">- leadership- high sense of organization, methodical- good experience in project management

Computer skills and competences

- **programming & scripting languages and specifications:**
 - o advanced: Java, XML stack (XML, Schema, XQuery, XPath, XSLT), WSDL, UML
 - o good: C, C#, JSP, JavaScript, HTML, SQL, OCL, VHDL, Assembler 8086
- **architectures:** Component architecture, Service-oriented architecture
- **BPM languages:** (C-)EPC, BPMN, UML-AD, WS-BPEL, YAWL, Petri Net
- **IDEs:** Eclipse (high), Oracle JDeveloper, Sun NetBeans, Microsoft Visual Studio .NET
- **operating systems:**
 - good knowledge of Unix-based operating systems
 - good knowledge of Windows operating systems
- **servers:** Apache Tomcat, Sun Application Server
- **BPM tools:** Oracle BPEL Process Manager, IBM WebSphere Application Developer IE, YAWL System, Flower, COSA, Staffware, ARIS
- **UML tools:** Enterprise Architect, Omondo, Visual Paradigm, IBM Rational Rose
- **web development tools:** Macromedia Dreamweaver, Macromedia Flash
- **graphical tools:** Corel Draw, Corel PhotoPaint, Adobe Photoshop
- **general purpose software:** Latex, Microsoft Office (Access, Excel, Word, PowerPoint, Visio)

Artistic skills and competences

- degree in solfeggio (gained through study at conservatory)
- degree in classical guitar (gained through study at conservatory)

Other skills and competences

- snowboarding, surfing, snorkelling, diving (for leisure)
- photography (for leisure)
-

Driving licence(s)

Italian (cat. B), Australian – Queensland (cat. C), International

References

Prof. Marlon Dumas (PhD supervisor)
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marlon.dumas@uu.ee

Prof. Arthur ter Hofstede (head of BPM Research Group)
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GPO Box 2434, QLD 4000, Brisbane, Australia.
Tel : +61 7 3138 9474
Fax : +61 7 3864 9390
a.terhofstede@qut.edu.au

Prof. Michael Rosemann (head of BPM Research Group)
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Fax : +61 7 3864 9390
m.rosemann@qut.edu.au

Prof. Wil M.P. van der Aalst (research colleague)
Department of Mathematics and Computer Science (HG 7.75), Eindhoven University of
Technology, PO Box 513, NL-5600 MB Eindhoven, The Netherlands
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