

## Curriculum Vitae et Studiorum

### Contact Data

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<b>Address</b>	🏠 Utrecht University, Department of Information and Computing Sciences, Princetonplein 5, 3584 CC Utrecht, Netherlands		

### Professional Experience

12/2023	→	<i>Associate professor</i>	Department of Information and Computing Sciences, Utrecht University, Netherlands.
↗ 11/2023		<i>Associate professor</i>	Department of Computer Science, Sapienza University of Rome, Italy.
12/2022			
↗ 12/2022		<i>Assistant professor</i>	Department of Computer Science, Sapienza University of Rome, Italy.
12/2019		<i>(tenure track)</i>	
↗ 11/2019		<i>Assistant professor</i>	Institute for Information Business, Vienna University of Economics and Business (WU Vienna), Austria.
07/2015		<i>(non-tenure track)</i>	
↗ 06/2015		<i>Postdoctoral researcher</i>	Institute for Information Business, Vienna University of Economics and Business (WU Vienna), Austria.
07/2013			
↗ 06/2012		<i>R&amp;D engineer</i>	EXALTECH S.r.l. (IT software development company), Latina, Italy.
02/2009			
↗ 06/2013		<i>Research assistant</i>	Department of Computer, Control, and Management Engineering, Sapienza University of Rome, Italy.
11/2008			
↗ 10/2008		<i>Student assistant,</i>	Department of Computer, Control, and Management Engineering,
09/2005		<i>research technician</i>	Sapienza University of Rome, Italy.

### Education

↗ 06/2013	<b>Ph.D. in Computer Science and Engineering</b>	(proclaimed: 07/10/2013)
11/2009	at Sapienza University of Rome, Italy.	<i>With honourable mention.</i>
↗ 10/2008	<b>Master of Science in Computer Science and Engineering</b>	(proclaimed: 02/12/2008)
11/2005	at Sapienza University of Rome, Italy. Avg. exam grade: 28.9/30. Final grade: 110/110 <i>cum laude.</i>	
↗ 10/2005	<b>Bachelor of Science in Computer Science and Engineering</b>	(proclaimed: 26/10/2005)
09/2001	at Sapienza University of Rome, Italy. Avg. exam grade: 29.3/30. Final grade: 110/110 <i>cum laude.</i>	







### Qualifications

09/02/2024	<b>Senior Research Qualification</b> (SKOz) issued by Utrecht University.
15/06/2022	Certification of <b>expertise</b> in high-innovation and quality <b>teaching</b> (QUiD) at Sapienza.
29/04/2021	Italian scientific <b>habilitation</b> as <b>Associate Professor</b> of <b>Computer Science</b> (01/B1).
06/05/2019	Italian scientific <b>habilitation</b> as <b>Associate Professor</b> of <b>Information Proc. Systems</b> (09/H1).
15/06/2011	Italian <b>professional qualification</b> as <b>Information Engineer</b> .

### Honours and Awards






02/09/2015	Corresponding author of the <b>Best Paper Award</b> winning paper at the <i>13<sup>th</sup> International Conference on Business Process Management</i> (BPM 2015, 🏆 GGS A) [106].
28/01/2016	Co-author of the <b>Best Presentation Award</b> winning paper at the <i>8<sup>th</sup> Central European Workshop on Services and their Composition</i> (ZEUS 2016) [96].
01/08/2018	<b>Researcher of the Month</b> of the Vienna University of Economics and Business (WU Vienna), Austria. Official video at 🌐 <a href="https://youtube.com/watch?v=WJcaAw5AuUY">youtube.com/watch?v=WJcaAw5AuUY</a> .
15/04/2019	Co-author of the <b>Best User Paper Award</b> winning paper at the <i>41<sup>st</sup> European Conference on Information Retrieval</i> (ECIR 2019, 🏆 GGS A) [74].
26/10/2023	Co-author of the <b>Best Workshop Paper Award</b> winning paper at the <i>5<sup>th</sup> Int. Workshop on Event Data and Behavioral Analytics (EdB'23)</i> , co-located with the <i>5<sup>th</sup> International Conference on Process Mining</i> (ICPM 2023) [45].









## Memberships

2019–	Member of the Steering Committee of the IEEE CIS Task Force on Process Mining  <a href="http://www.tf-pm.org">www.tf-pm.org</a>
2022–	Member of the Program Committee Board of IJCAI  <a href="http://ijcai.org">ijcai.org</a>
2022–2024	Member of the IEEE CIS SA P1849 Working Group (Standard for eXtensible Event Stream (XES) for Achieving Interoperability in Event Logs and Event Streams)  <a href="http://www.tf-pm.org/resources/xes-standard/about-xes/xes-wg">www.tf-pm.org/resources/xes-standard/about-xes/xes-wg</a>
2018–	Professional Member of the Association for Computing Machinery (ACM)
2017–2019	Member of the Research Institute for Cryptoeconomics of the Vienna University of Economics and Business (WU Vienna)  <a href="http://wu.ac.at/cryptoeconomics">wu.ac.at/cryptoeconomics</a>
2015–2019	Member of the IEEE CIS Task Force on Process Mining  <a href="http://www.tf-pm.org">www.tf-pm.org</a>
2013–2016	Member of the W3C RDF Stream Processing Community Group  <a href="http://w3.org/community/rsp">w3.org/community/rsp</a>

## Program Committees and Referrals

2025	<i>Workshop Chair</i>	Int. Conference on Process Mining (ICPM)  <a href="http://icpmconference.org/2025/call-for-workshop-proposals/">icpmconference.org/2025/call-for-workshop-proposals/</a>
2024–	<i>Guest Editor</i>	Special Issue of Information Systems (  SJR Q1) on “Process mining meets visual analytics”
2024	<i>Track Chair</i>	Blockchain Forum at the Int. Conference on Business Process Management (BPM, GGS A)  <a href="https://bpm2024.agh.edu.pl/call-for-blockchain-forum/">https://bpm2024.agh.edu.pl/call-for-blockchain-forum/</a>
2024	<i>Workshop Chair</i>	Int. Conference on Advanced Information Systems Engineering (CAiSE, GGS A)  <a href="https://cyprusconferences.org/caise2024/call-for-workshops/">https://cyprusconferences.org/caise2024/call-for-workshops/</a>
2023	<i>General Chair</i>	Int. Conference on Process Mining (ICPM)  <a href="http://icpmconference.org/2023">icpmconference.org/2023</a>
2023–	<i>Editorial Board</i>	Journal of Intelligent Information Systems (  SJR Q2)  <a href="http://link.springer.com/journal/10844">link.springer.com/journal/10844</a>
2022–2023	<i>Guest Editor</i>	Special Issue of of Information Systems (  SJR Q1) with the Selected Papers of the Twentieth Int. Conference on Business Process Management  <a href="https://doi.org/10.1016/j.is.2025.102535">doi.org/10.1016/j.is.2025.102535</a>
2022–2023	<i>Guest Editor</i>	Special Issue of the Journal of Intelligent Information Systems (  SJR Q2) on Recent Advances in Process Analytics  <a href="https://doi.org/10.1007/s13740-021-00130-1">doi.org/10.1007/s13740-021-00130-1</a>
2021–2023	<i>Guest Editor</i>	Special Issue of Information Systems (  SJR Q1) with the Selected Papers of the Third Int. Conference on Process Mining  <a href="https://sciencedirect.com/special-issue/10Z18JFBSW3">sciencedirect.com/special-issue/10Z18JFBSW3</a>
2022	<i>PC Chair</i>	Int. Conference on Business Process Management (BPM, GGS A)  <a href="http://bpm2022.uni-muenster.de">bpm2022.uni-muenster.de</a>
2021	<i>PC Chair</i>	Int. Conference on Process Mining (ICPM)  <a href="http://icpmconference.org/2021">icpmconference.org/2021</a>
2021	<i>Track Chair</i>	Int. Conference on Business Process Management (BPM, GGS A), Tutorials & Panels Track  <a href="http://bpm2021.diag.uniroma1.it/call-for-tutorials/">bpm2021.diag.uniroma1.it/call-for-tutorials/</a>
2021	<i>Guest Editor</i>	Special Issue of the Journal on Data Semantics (  SJR Q2) on Process Querying and Declarative, Decision and Hybrid Approaches to Processes  <a href="https://doi.org/10.1007/s13740-021-00130-1">doi.org/10.1007/s13740-021-00130-1</a>
2023–2025	<i>Organiser</i>	Int. Workshop on Formal Methods for Business Process Management (FM-BPM), co-located with the Int. Conference on Business Process Management (BPM, GGS A)  <a href="https://fm-bpm2024.github.io">fm-bpm2024.github.io</a>
2021	<i>Organiser</i>	Int. Workshop on Workshop on BPM Problems to Solve Before We Die (PROBLEMS '21), co-located with the Int. Conference on Business Process Management (BPM, GGS A)  <a href="https://sites.google.com/view/bpm-problems">sites.google.com/view/bpm-problems</a>
2020	<i>Track Chair</i>	Int. Conference on Business Process Management (BPM, GGS A), Demos & Resources Track  <a href="https://congreso.us.es/bpm2020/calls/demos">congreso.us.es/bpm2020/calls/demos</a>
2020	<i>Track Chair</i>	Doctoral Consortium of the Int. Conference on Process Mining (ICPM)  <a href="http://icpmconference.org/2020/doctoral-consortium">icpmconference.org/2020/doctoral-consortium</a>

2019	<i>Proceedings Chair</i>	Int. Conference on Business Process Management (BPM, GGS A)  <a href="https://bpm2019.ai.wu.ac.at">bpm2019.ai.wu.ac.at</a>
2019	<i>Track Chair</i>	Blockchain Forum at the Int. Conference on Business Process Management (BPM, GGS A)  <a href="https://bpm2019.ai.wu.ac.at/call-for-blockchain-forum/">https://bpm2019.ai.wu.ac.at/call-for-blockchain-forum/</a>
2018–2024	<i>Organiser</i>	Int. Workshop on Process Querying, Manipulation and Intelligence (PQMI), co-located with the Int. Conference on Process Mining (ICPM)  <a href="https://processquerying.com/pqmi2024">processquerying.com/pqmi2024</a>
2016–2023	<i>Organiser</i>	Int. Workshop on Declarative, Decision, and Hybrid approaches to processes (DEC2H), co-located with the Int. Conference on Business Process Management (BPM, GGS A)  <a href="https://dec2h-2023.di.uniroma1.it">dec2h-2023.di.uniroma1.it</a>
2015–2016	<i>Organiser</i>	Int. Workshop on the Role of Real-World Objects in Business Process Management Systems (RW-BPMS), co-located with the Int. Conference on Advanced Information Systems Engineering (CAiSE 2105, GGS A) and the IEEE International Enterprise Distributed Object Computing Conference (EDOC, GGS B),  <a href="https://ai.wu.ac.at/rw-bpms2016">ai.wu.ac.at/rw-bpms2016</a>

<i>PC member</i>	<i>Conferences</i>	<ul style="list-style-type: none"> <li>• Int. Conference on Business Process Management (BPM,  GGS A) 2018, 2019, 2020, 2021, 2023, 2024, 2025; Senior PC member since 2021</li> <li>• Int. Joint Conference on Artificial Intelligence (IJCAI,  GGS A++) 2015, 2021, 2022, 2023, 2024, 2025; Senior PC member in 2025</li> <li>• European Conference on Artificial Intelligence (ECAI,  GGS A++) 2023, 2024, 2025</li> <li>• Int. Conference on Process Mining (ICPM) 2019, 2020, 2022, 2024, 2025; Senior PC member in 2025</li> <li>• Int. Conference on Advanced Information Systems Engineering (CAiSE,  GGS A) 2019, 2020, 2021, 2023, 2024, 2025</li> <li>• Int. Enterprise Computing Conference (EDOC,  GGS B) 2020, 2021, 2022, 2023, 2024, 2025</li> <li>• Int. Conference on Service-Oriented Computing (ICSOC,  GGS A-), 2022, 2023</li> <li>• Int. Conference on Cooperative Information Systems (CoopIS,  GGS B), 2022, 2023</li> <li>• European Conference on Information Systems (ECIS,  GGS B) 2016, 2018, 2021, 2022, 2023, 2024, 2025; Associate Editor since 2022</li> <li>• Int. Conference of the Italian Association for Artificial Intelligence (AI*IA) 2018, 2019, 2020, 2021, 2023</li> <li>• Wirtschaftsinformatik (WI) 2020, 2021, 2022, 2023 (Associate Editor of the BPM track)</li> <li>• Int. Conference on Business Informatics (CBI) 2016</li> <li>• Int. Conference on Information Quality (ICIQ) 2012</li> </ul>
	<i>Symposia</i>	<ul style="list-style-type: none"> <li>• Int. Symposium on Methodologies for Intelligent Systems (ISMIS) 2024</li> <li>• Blockchain Forum at the Int. Conference on Business Process Management (BPM Blockchain Forum) 2020, 2021, 2022, 2023</li> <li>• Int. Conference on Software and System Processes (ICSSP) 2017, 2018, 2019, 2020, 2021</li> <li>• Int. Working Conference on Business Process Modeling, Development, and Support (BPMDS) 2020, 2021</li> <li>• Int. Working Conference on Exploring Modeling Methods for Systems Analysis and Development (EMMSAD) 2018, 2019</li> <li>• Int. Conference on Subject-Oriented Business Process Management (S-BPM ONE) 2015, 2016, 2017, 2018</li> <li>• Int. Symposium on Business Modeling and Software Design (BMSD) 2018</li> <li>• Int. Symposium on Data-driven Process Discovery and Analysis (SIMPDA) 2015, 2016, 2017</li> <li>• Special Session on Process Mining at the IEEE Symposium Series on Computational Intelligence (CIDM) 2013, 2014</li> <li>• Special Session on Process Mining at the World Congress on Computational Intelligence (WCCI) 2014</li> </ul>
	<i>Workshops</i>	<ul style="list-style-type: none"> <li>• Artificial Intelligence for Business Process Management (AI4BPM) 2018, 2019, 2020, 2021, 2023, 2024, 2025</li> <li>• Process Management in the AI era (PMAI) 2024, 2025</li> <li>• Visual Process Analytics (VIPRA) 2025</li> <li>• Blockchain for Information Systems Engineering (B4ISE) 2025</li> <li>• Distributed Ledger Technologies in Business Process Management (DLT4BPM) 2025</li> <li>• Event Based Data Analysis (EbdA) 2020, 2021, 2022, 2024</li> <li>• Foundations and Applications of Blockchain (FAB) 2024</li> <li>• Business Process Intelligence (BPI) 2017, 2018, 2019, 2020, 2021, 2022, 2023</li> <li>• Process-oriented Data Science for Healthcare (PODS4H) 2020, 2021, 2022</li> <li>• Algorithms &amp; Theories for the Analysis of Event Data (ATAED) 2016, 2017, 2018, 2019, 2020, 2022, 2023</li> <li>• Business Process Management and the Internet of Things (BP-meet-IoT) 2022</li> <li>• Data Quality and Transformation in Process Mining (DQT-PM) 2022</li> <li>• Blockchain Technologies for Multi-Agent Systems (BCT4MAS) 2019</li> <li>• Flexible Advanced Information Systems (FAiSE) 2019</li> <li>• Blockchains for Inter-Organizational Collaboration (BIOC) 2019</li> <li>• Security and Privacy-enhanced Business Process Management (SPBP) 2019, 2020</li> <li>• Business Data Analytics (BDA) 2018</li> <li>• Central-European Workshop on Services and their Composition (ZEUS) 2016, 2017</li> <li>• Process Querying (PQ) 2016, 2017</li> <li>• Business Process Innovation with Artificial Intelligence (BPAI) 2017</li> <li>• Cognitive Business Process Management (CBPM) 2017</li> <li>• Resource Management in Business Processes (ReMa) 2016</li> <li>• Performance and Conformance of Workflow Engines (PEACE) 2016</li> <li>• Resource Management in Service-Oriented Computing (RMSOC 2014)</li> <li>• Artificial Intelligence meets Business Processes and Services (AIBPS) 2014</li> <li>• Knowledge-intensive Business Processes (KiBP) 2012, 2013</li> </ul>
<i>Jury</i>	<i>Consortia</i>	<ul style="list-style-type: none"> <li>• Jury of the Best Process Mining PhD Thesis Award 2025</li> <li>• Board of the Doctoral Consortium of the Int. Conference on Process Mining (ICPM DC) 2019, 2020, 2022, 2023, 2024</li> <li>• Jury of the Demo Track of the Int. Conference on Process Mining (ICPM Demos) 2019, 2020, 2021, 2022, 2023</li> <li>• Jury of the Demo Track the Int. Conference on Business Process Management (BPM Demos) 2018, 2019, 2020</li> <li>• Jury of the Business Process Intelligence Challenge (BPIC) 2014, 2015, 2016, 2017, 2018, 2019, 2020.</li> </ul>

Reviewer	Journals
	<ul style="list-style-type: none"> <li>• Information Systems (SJR Q1) • Journal of Industrial Information Integration (SJR Q1) • Journal of Information Security and Applications (SJR Q1) • IEEE Transactions on Information Forensics &amp; Security (SJR Q1) • Computers in Industry (SJR Q1) • ACM Trans. on Software Engineering and Methodology (TOSEM, SJR Q1) • ACM Trans. on Management Information Systems (TMIS, SJR Q1) • Decision Support Systems (SJR Q1) • IEEE Trans. on Software Engineering (SJR Q1) • ACM Trans. on Internet Technology (TOIT, SJR Q1) • IEEE Trans. on Services Computing (TSC, SJR Q1) • Information Sciences (SJR Q1) • Journal of Biomedical Informatics (SJR Q1) • Business &amp; Information Systems Engineering (BISE, SJR Q1) • J. Network and Computer Applications (SJR Q1) • Journal of Biomedical Informatics (SJR Q1) • Artificial Intelligence in Medicine (SJR Q1) • Automation in Construction (SJR Q1) • Computer Communications (SJR Q1) • IEEE Trans. on Automation Science and Engineering (SJR Q1) • Journal of Logic and Computation (SJR Q2) • Software and Systems Modeling (SJR Q2) • Formal Aspects of Computing (SJR Q2) • IEEE Internet Computing (SJR Q2) • Data and Knowledge Engineering (SJR Q2) • Journal of Systems and Software (SJR Q2) • Journal on Data Semantics (SJR Q2) • Service Oriented Computing and Applications (SJR Q2) • International Journal of Cooperative Information Systems (SJR Q3) • Journal of Logic and Computation • Semantic Web Journal • Ledger • SN Computer Science • Computing • Transactions on Petri Nets and Other Models of Concurrency • Revista de Informática Teórica e Aplicada • ICST Trans. Ambient Systems.</li> </ul>
Board	<p>Member of the <i>Editorial Board</i> of the Journal of Intelligent Information Systems (2023–, SJR Q2).</p> <p>Member of the <i>Editorial Review Board</i> of the Special Issue on Conformance Checking of Information Systems (2021, SJR Q1).</p> <p>Member of the <i>Editorial Review Board</i> of the Special Issue on Process Mining at the Enterprise Level of Business &amp; Information Systems Engineering (BISE, 2020, SJR Q1).</p> <p><i>Associate Editor</i> of the Special Issue on Blockchain Technologies in Enterprise Modeling and Enterprise Information Systems of the Enterprise Modelling and Information Systems Architectures journal (EMISAJ, 2020).</p>

## Presentations and Keynotes

15/10/2024	“A Taste of the Different Flavors of Tiramisù” [50] at the Demo Track of the 6th International Conference on Process Mining (ICPM 2024), Copenhagen, Denmark.
03/06/2024	<b>Keynote:</b> “«I’m still / I’m still / Chaining from the Block»: An Outlook of the Ongoing and Future Relationship between Blockchain Technologies and Process-aware Information Systems.” joint workshop on Blockchain for Information Systems (BC4IS) and Blockchain for Trusted Data Sharing (B4TDS), co-located with the 36th International Conference on Advanced Information Systems Engineering (CAiSE), Limassol, Cyprus.
13/09/2023	<b>Keynote:</b> “Look but don’t touch: On the impalpable bond between blockchain and process” at the 4th BPM Blockchain Forum, Utrecht, Netherlands.
19/08/2023	<b>Keynote:</b> “Automated reasoning and data analytics for declarative process mining” at the 2nd Workshop on Process Management in the AI Era (PMAI), co-located with the 32nd International Joint Conference on Artificial Intelligence (IJCAI 2023), Macao S.A.R.
27/10/2022	“Measurement of rule-based LTLf declarative process specifications” [56], at the 4th Int. Conference on Process Mining (ICPM 2022), Bolzano, Italy, October 23-28, 2022.
14/09/2022	“Conformance checking of mixed-paradigm process models” [16], poster at the 20th Int. Conference on Business Process Management (BPM 2022), Münster, Germany, September 11-16, 2022.
23/07/2022	“Computing unsatisfiable cores for LTLf specifications” [58], at the Workshop on Process Management in the AI Era (PMAI 2022) co-located with IJCAI, Vienna, Austria, July 23, 2022.
08/09/2021	“RuM: Declarative process mining, distilled” [61], tutorial at the 19th Int. Conference on Business Process Management (BPM), Rome, Italy, 2021, 6-10 September 2021.
11/11/2020	<b>Keynote:</b> “Mining process rules from email” at the Automation, Control, and Analysis of Knowledge-intensive Processes Workshop, hosted by the IBM CASCON x EVOKE conference, Toronto, Canada.

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- 08/06/2020 “*Business process monitoring on blockchains – Potentials and challenges*” [65] at the 21st International Working Conference on Enterprise, Business-Process and Information Systems Modeling (BP-MDS 2020), co-located with CAiSE, Grenoble, France, 8-9 June 2020.
  - 19/02/2020 “*Towards a process-oriented analysis of blockchain data*” [64] at the 1st Int. Workshop on Conceptual Modeling for Distributed Ledger Technologies (MOD-DLT), co-located with Modellierung, Vienna, Austria, 19 February 2020.
  - 02/09/2019 “*Extracting event logs for process mining from data stored on the blockchain*” [80] at the 2nd Int. Workshop on Security and Privacy-enhanced Business Process Management (SPBP 2019), co-located with BPM, Vienna, Austria, 2 September 2019.
  - 01/07/2018 “*Blockchain-based traceability of inter-organisational business processes*” [84] at the 8th Int. Symposium on Business Modeling and Software Design (BMSD 2018), Vienna, Austria, 2-4 July 2018.
  - 13/06/2017 “*Resolving inconsistencies and redundancies in declarative process models*” [27] at the 8th Int. Workshop on Enterprise Modeling and Information Systems Architectures (EMISA 2017), Essen, Germany, 12-13 June 2017.
  - 03/10/2016 “*Detecting flight trajectory anomalies and predicting diversions in freight transportation*” [28] at the 7th International Workshop on Enterprise Modeling and Information Systems Architectures (EMISA 2016), Vienna, Austria, 3-5 October 2016
  - 20/09/2016 “*Semantical vacuity detection in declarative process mining*” [98] at the 14th Int. Conference on Business Process Management (BPM 2016), Rio de Janeiro, Brazil, 18-22 September 2016.
  - 19/09/2016 “*Model checking of mixed-paradigm process models in a discovery context – Finding the fit between declarative and procedural*” [87] at the 12th Int. Workshop on Business Process Intelligence (BPI 2016), Rio de Janeiro, Brazil, 19 September 2016.
  - 01/09/2015 “*Ensuring model consistency in declarative process discovery*” [106] ★ **Best Paper Award of the 13th Int. Conference on Business Process Management (BPM 2015)**, Innsbruck, Austria, 31 August - 3 September 2015.
  - 29/10/2014 “*Log-based understanding of business processes through temporal logic query checking*” [114] at the 22nd Int. Conference on Cooperative Information Systems (CoopIS 2014), Amantea, Italy, 27-31 October 2014.
  - 10/09/2014 “*Discovering target-branched Declare constraints*” [112] at the 12th Int. Conference on Business Process Management (BPM 2014), Eindhoven, Netherlands, 7-11 September 2014.
  - 08/09/2014 “*Predictive task monitoring for business processes*” [111] at the 12th Int. Conference on Business Process Management (BPM 2014), Eindhoven, Netherlands, 7-11 September 2014.
  - 30/08/2013 “*Studies on the discovery of declarative control flows from error-prone data*” [116] at the 3rd Int. Symposium on Data-driven Process Discovery and Analysis (SIMPDA 2013), Riva del Garda, Italy, 30 August 2013.
  - 17/04/2013 “*A two-step fast algorithm for the automated discovery of declarative workflows*” [115] at the IEEE Symposium on Computational Intelligence and Data Mining (CIDM 2013), Singapore, 16-19 April 2013.
  - 14/09/2012 “*Goal-based composition of stateful services for smart homes*” [118] at the 20th Int. Conference on Cooperative Information Systems (CoopIS 2012), Rome, Italy, 10-14 September 2012.
  - 15/06/2012 “*Knowledge-intensive processes: An overview of contemporary approaches*” [119] at the 1st Int. Workshop on Knowledge-intensive Business Processes (KiBP 2012), Rome, Italy, 15 June 2012.
  - 22/05/2012 “*Mining constraints for artful processes*” [120] at the 15th Int. Conference on Business Information Systems (BIS 2012), Vilnius, Lithuania, May 21-23 2012.
  - 25/11/2011 “*Representing and visualizing mined artful processes in MailOfMine*” [123] at the 7th Conference of the Workgroup Human-Computer Interaction and Usability Engineering of the Austrian Computer Society (USAB 2011), Graz, Austria, 25-26 November 2011.
  - 30/05/2011 “*MailOfMine – Analyzing mail messages for mining artful collaborative processes*” [121] at the 1st Int. Symposium on Data-Driven Process Discovery and Analysis (SIMPDA 2011), Campione d’Italia, Italy, June 29 - July 1st 2011.
  - 24/03/2011 “*Service composition and advanced user interfaces in the home of tomorrow: the SM4All approach*” [122] at the 2nd Int. ICST Conference on Ambient Media and Systems (AMBI-SYS 2011), Porto, Portugal, March 24-25 2011.

## Invited Talks

- 20/11/2025 “*Declarative process specification mining: Discovery of and reasoning on temporal-logic rules*” at KU Leuven, Belgium.

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- 20/11/2025 “Blockchain technologies for process management” at KU Leuven, Belgium.
  - 30/04/2025 “Preserving secrecy for process data exchange via public blockchain”, Sapienza Cybersecurity Seminars, Sapienza University of Rome, Italy.
  - 21/06/2024 “Declarative process specification mining: discovering and reasoning on temporal-logic rules”, VvL Dutch Logic PhD Day 2024, Vrije Universiteit (VU) Amsterdam, The Netherlands.
  - 11/04/2024 “Declarative process specification mining”, Latin American School on Process Variability and Mining, Universidad de la República, Uruguay.
  - 16/01/2024 “Formal foundations of process mining: A primer” at WU Vienna, Austria.
  - 06/02/2023 “Specification mining and the program from the block” at Utrecht University, The Netherlands.
  - 13/09/2022 “Recent advances in event log format standardisation – An update from the XES Working Group”, BP-meet-IoT’22, 13 September 2022, Münster, Germany.
  - 04/07/2022 “Process discovery III: Declarative process mining”, Process Mining Summer School, 4-8 July 2022, Aachen, Germany.
  - 09/03/2022 “Blockchain as a process automation infrastructure”, Sapienza Cybersecurity Seminars, Sapienza University of Rome, Italy.
  - 24/01/2022 “Blockchain: Concepts and applications”, 2nd online school on Smart Data Processing and Systems of Deep Insight, 24-28 January 2022, for the DESTINI H2020 Twinning project, organised by the Cyprus University of Technology, Limassol, Cyprus.
  - 24/11/2021 “Blockchain and smart contracts: Infrastructure and platforms”, Cyber 4.0 Seminar at Confindustria CONNEXT 2021, Milan, Italy.
  - 12/10/2021 “Blockchain: Concepts and research directions” for the DESTINI H2020 Twinning project, organised by the Cyprus University of Technology, Limassol, Cyprus.
  - 02/11/2021 “Panel: Rethinking the input for process mining” in the role of moderator at the XES 2.0 Workshop of the 3rd Int. Conference on Process Mining (ICPM 2021), Eindhoven, The Netherlands.
  - 09/09/2021 “Panel: Is process technology ready for rare events?” in the role of moderator at the 19th Int. Conference on Business Process Management (BPM 2021), Rome, Italy.
  - 03/03/2021 “Blockchain and smart contracts: Infrastructure and platforms” at the Cyber 4.0 Seminar hosted by the Cyber 4.0 Cybersecurity Competence Center, Rome, Italy.
  - 08/10/2020 “The process and the blockchain: A story of miners” at WU Vienna, Austria.
  - 19/07/2019 “The Process and the blockchain: A story of miners” at Sapienza University of Rome, Italy.
  - 03/07/2019 “Tracking workflows on the blockchain” at the “Blockchain: Applications and Security” Cyber Security Summer School 2019, Voore, Estonia.
  - 27/05/2019 “Declarative specification of processes: Discovery and reasoning” at Sapienza University of Rome, Italy.
  - 15/04/2019 “Declarative specification of processes: Discovery and reasoning” at Utrecht University, The Netherlands.
  - 12/04/2019 “Declarative specification of processes: Discovery and reasoning” at the Eindhoven University of Technology, The Netherlands.
  - 19/12/2018 “An introduction to process mining” at the Technical University of Vienna (TU Wien), Austria.
  - 13/11/2018 “How to execute business processes on the blockchain” at the Process Management Summit of the Gesellschaft für Prozessmanagement, Vienna, Austria, 13 November 2018.
  - 09/11/2018 “Data Science × Business Process Management = Process Mining” at the 16<sup>th</sup> PQM Dialog (“Process Mining – Reale Prozesse im Fokus”), FH Kufstein, Austria, 9 November 2018.
  - 04/10/2018 “Declarative business processes: Discovery and reasoning” at the Seminars of the University of Wollongong, NSW, Australia, 4 October 2018.
  - 25/09/2018 “Declarative business processes: Discovery and reasoning” at the CIS Seminars of the University of Melbourne, VIC, Australia.
  - 14/08/2018 “Tracking business processes on the blockchain” at Dagstuhl Seminar 18332 (“Blockchain Technology for Collaborative Information Systems”), Schloss Dagstuhl, Germany, 12–17 August 2018.
  - 08/02/2018 “Paradigm-independence of metrics” at the Brainstorm Seminar Conformance Checking Metrics, Maasmechelen, Belgium, 8 February 2018.
  - 14/03/2018 “Data Science + BPM” at the Data Science Society Kick-off event, Vienna, Austria, 14 March 2018.
  - 17/11/2017 “The application of process analytics in the field of smart logistics: Examples from airfreight and road transportation” at the University of Edinburgh, United Kingdom.
  - 28/09/2017 “Logistics data: Analysis, mining, and execution on blockchain” at the European Supply Chain Forum’s Data2Move kick-off meeting, 28-29 September 2017, Eindhoven, The Netherlands.
  - 06/03/2017 “The application of process analytics in the field of smart logistics: Examples from airfreight and road transportation” at CSIRO/Data61, Sydney, Australia.

07/12/2016	“Automated discovery of declarative process models” at the Humboldt-Universität zu Berlin, Germany.
13/09/2016	“Introduction to process mining” at the Federal University of the State of Rio de Janeiro, Brazil.
25/08/2016	“Predictive task monitoring: Processing flight events to foresee diversions” at Dagstuhl Seminar 16341 (“Integrating Process-Oriented and Event-Based Systems”), Schloss Dagstuhl, Germany, 21–26 August 2016.
22/09/2015	“The automated discovery of declarative processes” at the Workshop on the Presence and Future of Process Mining, Bratislava, Slovak Republic, 22-23 September 2015.
15/09/2014	“Automated control-flow discovery of declarative processes” at the Hasso-Plattner Institute, University of Potsdam, Germany.
12/12/2013	“Automated control-flow discovery of declarative processes” at the Eindhoven University of Technology, The Netherlands.
09/12/2013	“Flight diversion prediction based on event data” at the Eindhoven University of Technology, The Netherlands.


## Service

03/2020–	Member	Scientific Board of the PhD in Computer Science at Sapienza University of Rome
06-09/2023	Member	Admission committee for the Ph.D. programme in <i>Computer Science</i> (cycle XXXIX) at Sapienza University of Rome
03/21–11/2023	Coordinator	Admission committee for the Bachelor’s programme in <i>Applied Computer Science and Artificial Intelligence</i> at Sapienza University of Rome and liaison for Sapienza with the College Board for Higher Education
11/20–11/2023	Member	Didactic committee of the Department of Computer Science at Sapienza University of Rome


## National and International Projects

2023–2025	Scientific advisor	Cyber 4.0 competence centre research project “ <i>Heath-e-Data</i> ”, co-funded by NextGenerationEU’s Recovery and Resilience Facility. Total funding: 305 089 €.
2022–2023	Research unit head	PRIN research project “ <i>exPlaInable kNowledge-aware PrOcess INTelligence (PINPOINT)</i> ”, grant number (CUP) B87G22000450001 with the Department of Computer Science of Sapienza University of Rome, Italy. Total funding: 794 578 € (Sapienza: 182 809 €). <a href="https://pinpoint.unibz.it/">pinpoint.unibz.it/</a>
2022–2023	Research unit head	Cyber 4.0 competence centre research project “ <i>Blockchain Register for Import Export (BRIE)</i> ”, core pillar framework, with the Department of Computer Science of Sapienza University of Rome, Italy. Total funding: 179 000 € (Sapienza: 32 000 €). <a href="https://brie.moveax.it/">brie.moveax.it/</a>
2023	Co-principal investigator	PRIN research project “ <i>Panacea: A Model-Based Framework for Self-Protecting Systems</i> ”, grant number (CUP) B53D23013280006 with the Department of Computer Science of Sapienza University of Rome, Italy. Total funding: 238 203 € (Sapienza: 78 559 €).
2023	Co-principal investigator	Sapienza research project “ <i>ASGARD: Autonomous and Self-Governing Agent-Based Rule Design</i> ” with the Department of Computer Science of Sapienza University of Rome, Italy. Funding: 47 500 €.
2022–	Project coordinator Scientific advisor	Lazio research and innovation project – incentives for innovative doctoral programs for enterprises and the PA “ <i>Predictive process monitoring for production planning</i> ”, grant number (CUP) B83C22004050009 with the Department of Computer Science of Sapienza University of Rome, Italy. Funding: 72 995 €.
2022–2023	Faculty investigator	Sapienza research project “ <i>Distributed Ledger and Credit Guarantee Schemes</i> ” with the Departments of Computer Science and Management of Sapienza University of Rome, Italy. Funding: 33 890 €.
2022–2023	Faculty investigator	Sapienza research project “ <i>Drones as a Service for First Emergency Response</i> ” with the Department of Computer Science of Sapienza University of Rome, Italy. Funding: 45 000 €.
2022	Faculty host	Research visit program at the Department of Computer Science of Sapienza University of Rome, Italy, hosting Prof. Hajo A. Reijers. Total funding: 9000 €.



2021–2023	<i>Faculty investigator</i>	Sapienza research project “ <i>Secure and Privacy-preserving Protocols for Automatic Contact Tracing (SPECTRA)</i> ” with the Department of Computer Science of Sapienza University of Rome, Italy. Funding: 42 000 €.
2021	<i>Faculty host</i>	Research visit program with the Department of Computer Science of Sapienza University of Rome, Italy, hosting Dr. Artem Polyvyanyy. Total funding: 5000 €.
2017–2019	<i>Work package leader</i>	Austrian Research Promotion Agency (FFG) research project “ <i>Cyber-Physical Social Systems for City-wide Infrastructures</i> ” (CitySPIN), grant number 861213, with WU Vienna, Austria. Total funding: 628 000 € (WU: 167 000 €). Lead of Work Package 5 (“ <i>Process Mining and Monitoring on Linked Data</i> ”).
2015–2019	<i>Work package leader</i>	EU H2020 Marie Skłodowska-Curie research project “ <i>Propelling Business Process Management by Research and Innovation Staff Exchange</i> ” (RISE_BPM), grant number 645751, with WU Vienna, Austria. Total funding: 855 000 € (WU: 252 000 €).  <a href="https://cordis.europa.eu/project/id/645751">cordis.europa.eu/project/id/645751</a>
2019	<i>Research partner</i>	Lead of Work Package 8 (“ <i>Synthesis of IT artifacts: BPM implementation</i> ”). Austrian Research Promotion Agency (FFG) Competence Centers for Excellent Technologies (COMET) “ <i>Austrian Blockchain Center (ABC)</i> ”, Area 2 (Cryptoeconomic Modelling & Blockchain Applications for Business), with WU Vienna, Austria.  <a href="https://blockchain-center.at">blockchain-center.at</a>
2017–2018	<i>Research staff member</i>	Austrian Research Promotion Agency (FFG) research project “ <i>Business Process Optimization Toolkit</i> ”, grant number 862950, with WU Vienna, Austria.
2014–2017	<i>Research staff member</i>	Austrian Research Promotion Agency (FFG) research project “ <i>Safety-critical Human- and dAta-centric Process management in Engineering projects</i> ” (SHAPE), grant number 861213, with WU Vienna, Austria.  <a href="https://ai.wu.ac.at/shape-project">ai.wu.ac.at/shape-project</a>
2013–2015	<i>Research staff member</i>	EU FP7-ICT research project “ <i>European Wide Service Platform for Green European Transportation</i> ” (GET Service), grant number 318275, with WU Vienna, Austria.  <a href="https://cordis.europa.eu/project/id/318275">cordis.europa.eu/project/id/318275</a>
2008–2011	<i>Research staff member</i>	EU FP7-ICT research project “ <i>Smart Homes for All</i> ” (SM4All), grant number 224332, with Sapienza University of Rome, Italy.  <a href="https://sm4all-project.eu">sm4all-project.eu</a>
2007–2008	<i>Research assistant</i>	“ <i>Re-engineered Province Bureaus [Uffici Provinciali Reingegnerizzati]</i> ” (UPR), research project funded by the Italian local authorities of Regione Lazio in collaboration with the Province of Latina (SM4All), with Sapienza University of Rome, Italy.
2006–2007	<i>Research technician</i>	EU FP6 “ <i>DELOS Network of Excellence on Digital Libraries</i> ”, with Sapienza University of Rome, Italy.  <a href="https://delosw.isti.cnr.it">delosw.isti.cnr.it</a>
2018	<i>Referee</i>	Register of Scientific Experts (REPRISE), Fundamental Research section, set up at the Italian Ministry of Education, University and Research
2018	<i>Referee</i>	The Netherlands’ research council for the Engineering and Applied Sciences (NWO/TTW)
2017	<i>Referee</i>	Italian Research Projects of National Relevance (PRIN)

## Technological Transfer and Entrepreneurship

04/2022	Co-founder of BB-Smile S.r.l., start-up of Sapienza University of Rome and University of Molise, Italy  <a href="https://bb-smile.net/">bb-smile.net/</a>
02/2009	Co-founder and R&D (from 2009 to 2012) of EXALTECH S.r.l., Software and IT company, Italy

## National and International Appointments

11/2025	<i>Visiting researcher</i>	Information Systems Engineering Research Group, Faculty of Economics and Business, KU Leuven, Belgium
04/2025	<i>Organiser</i>	“ <i>Multi-Faceted Visual Process Mining and Analytics</i> ”,  <a href="https://dagstuhl.seminar/25152">Dagstuhl Seminar 25152</a> , Wadern, Germany.
04/2024	<i>Lecturer</i>	“ <i>Latinoamerican School on Process Variability and Mining</i> ”, Montevideo, Uruguay  <a href="https://fing.edu.uy/inco/eventos/bpmuy/2024/index2.html">fing.edu.uy/inco/eventos/bpmuy/2024/index2.html</a>

09/2023	Academic director Organiser	“Challenges in building Billion Users Cloud Applications” (BUCA’23) Summer School, Varenna, Italy <a href="https://buca23.bici.events">buca23.bici.events</a>
09/2023	Organiser	“Human in the (Process) Mines”, <a href="https://dagstuhl-seminar-23271.wadern.de">Dagstuhl Seminar 23271</a> , Wadern, Germany.
12/22–03/2023	Lecturer	“Blockchain” Cyber 4.0 Advanced Training Course for the Automotive Industry, Rome, Italy
11/22–05/2023	Lecturer	“Girls for Green Technology Applications” (G4GRETA) course for girls enrolled in high schools, Sapienza University of Rome, Italy
07/2022	Lecturer	“Process Mining Summer School”, Aachen, Germany <a href="https://process-mining-summer-school.org">process-mining-summer-school.org</a>
06/2022	Academic director Organiser	“Challenges in building Billion Users Cloud Applications” (BUCA’22) Summer School, Bertinoro, Italy
04/2022	Lecturer	“Designing Blockchain-based Applications”, Master in Service Design, POLI.design, Milan, Italy
01–03/2022	Committee member	Examination board for recruitment procedure C05 at the Chamber of Deputies, Rome, Italy
04/2020	Lecturer	“Process Mining” PhD Course, University of Calabria, Rende, Italy
07/2019	Lecturer	“Blockchain: Applications and Security” Cyber Security PhD Summer School 2019, Voore, Estonia
02–06/2019	Academic director Lecturer	“Blockchain – Transforming Business” course of the WU Executive Academy programme, Vienna, Austria
08–10/2018	Visiting researcher	School of Computing and Information Systems, University of Melbourne, VIC, Australia
10/17–02/2019	Lecturer	“Data Science” course of the WU Executive Academy programme, Vienna, Austria
01–03/2017	Visiting researcher	Information Systems School, Science and Engineering Faculty, Queensland University of Technology, Brisbane, QLD, Australia
08–09/2016	Visiting researcher	Department of Computer Science, Humboldt-Universität zu Berlin, Germany
08–09/2016	Visiting researcher	Applied Informatics Department, Federal University of the State of Rio de Janeiro, Brazil
10/2014	Guest lecturer	“Process Analysis and Mining” course at the Faculty of Economics of the University of Ljubljana, Slovenia
12/2013	Visiting researcher	Department of Industrial Engineering and Innovation Sciences, Eindhoven University of Technology, The Netherlands
09/2012	Guest lecturer	School on Complex Software Systems Design for CINI-Finmeccanica, Rome, Italy

## Teaching Experience

09/25–	Lecturer	“Software Production Seminars” (60%) [EN] at Utrecht University	(M.Sc., 7.5 ECTS)
09/24–	Lecturer	“Data Modelling” (40%) [EN] at Utrecht University	(B.Sc., 7.5 ECTS)
05/24–	Lecturer	“Process Modelling” (40%) [EN] at Utrecht University	(B.Sc., 7.5 ECTS)
02/25–08/2025	Lecturer	“Theories in Information Systems” [EN] at Utrecht University	(M.Sc., 7.5 ECTS)
02/24–09/2024	Lecturer	“Software Architectures” (40%) [EN] at Utrecht University	(M.Sc., 7.5 ECTS)
10/22–09/2024	Lecturer	“Blockchain and Distributed Ledger Technologies” [EN] at Sapienza	(M.Sc., 6 ECTS)
02/22–03/2024	Lecturer	“Artificial Intelligence and Machine Learning, Unit 1” [EN] at Sapienza	(B.Sc., 6 ECTS)
10/22–12/2023	Lecturer	“Introduction to Programming and Laboratory” [EN] at Sapienza	(B.Sc., 6 ECTS)
02/20–03/2023	Lecturer	“Computer Architectures” [IT] at Sapienza	(B.Sc., 6 ECTS)
10/20–09/2022	Lecturer	“Blockchain Technologies” [EN] at Sapienza	(M.Sc., 6 ECTS)
10/20–09/2021	Lecturer	“Programming” [EN] at Sapienza	(B.Sc., 6 ECTS)
10/20–09/2021	Lecturer	“Business Intelligence” (50%) [EN] at Sapienza	(M.Sc., 3 ECTS)
02/20–03/2021	Lecturer	“Algorithm Design (Lab.)” [IT] at Sapienza	(B.Sc., 3 ECTS)
02/19–09/2020	Lecturer	“Business Process Management” [EN] at WU Vienna	(M.Sc., 4 ECTS)
10/19–11/2019	Lecturer	“Applications of Data Science” [EN] at WU Vienna	(B.Sc., 4 ECTS)
10/18–11/2019	Lecturer	“Formal Foundations of Business Process Modelling” [EN] at WU Vienna	(M.Sc., 4 ECTS)

02/19–09/2019	Lecturer	“Seminars in Blockchains and Processes” [EN] at WU Vienna	(B.Sc., 4 ECTS)
10/17–01/2019	Lecturer	“Process Implementation” [EN] at WU Vienna	(B.Sc., 4 ECTS)
02/18–09/2018	Lecturer	“Blockchain Applications of Data Science” [EN] at WU Vienna	(B.Sc., 4 ECTS)
10/17–01/2018	Lecturer	“Business Process Analytics” [EN] at WU Vienna	(M.Sc., 4 ECTS)
02/16–09/2017	Lecturer	“Formal Foundations of System Analysis” [EN] at WU Vienna	(B.Sc., 4 ECTS)
10/14–01/2016	Lecturer	“Process-oriented Systems Analysis” (50%) [DE] at WU Vienna	(B.Sc., 4 ECTS)
02/09–09/2013	Tutor	“Service-Oriented Architectures” [IT] at Sapienza	(M.Sc., 6 ECTS)
02/09–09/2013	Tutor	“Seminars in Software and Services” [EN] at Sapienza	(M.Sc., 1 ECTS)
02/05–09/2008	Tutor	“Software Design” [IT] at Sapienza	(B.Sc., 5 ECTS)

## Supervision

PhD	Supervisor	• <i>Computer Science</i> at Sapienza University of Rome: 4 candidates (Luca B., Dave B., Valerio G, Saba L., starting between 2021 and 2022), and 1 PhD laureate (Edo M., 2025).	
	Co-supervisor	• <i>Computing Sciences</i> at Utrecht University, The Netherlands: 2 candidates (Michele K., Marcus D., starting in 2025). • <i>Business Informatics</i> at WU Vienna, Austria: 1 PhD laureate (Alessio C., 2022). • <i>Computer Science and Engineering</i> at Sapienza University of Rome, Italy: 1 PhD laureate (Simone A., 2022).	
	Daily advisor	• <i>Business Informatics</i> at WU Vienna, Austria: 1 PhD candidate (Johannes P.) and 2 PhD laureates (Anton Y., Dina B., 2022).	
	Examiner	• <i>Computer Science</i> at the University of Copenhagen, Denmark: 2 candidates (Paul C., 2024, and Christoffer OB., 2021). • <i>Information and Communication Technology</i> at Sapienza University of Rome, Italy: 1 candidate (Pierluigi L., 2024). • <i>Information and Communication Technology</i> at Griffith University, Australia: 1 candidate (Jeyakumar ST., 2024). • <i>Computer Science and Mathematics</i> at the University of Camerino, Italy (Alessandro M., 2023).	
	Co-author	• <i>Computer Science and Engineering</i> at the University of Seville, Spain (Álvaro VP., 2022). Published papers co-authored by the PhD candidates: [3, 8, 10, 11, 12, 21, 28, 41, 44, 43, 42, 38, 49, 48, 47, 46, 53, 52, 57, 56, 55, 59, 69, 72, 82, 75, 78, 79, 81, 83, 109, 110, 113].	
MSc	Supervisor	• <i>Computing Sciences</i> at Utrecht University: 1 thesis (Floris vVtV., 2025). • <i>Business Informatics</i> at Utrecht University: 1 thesis (Mariia K., 2025). • <i>Artificial Intelligence</i> at Utrecht University: 1 research internship (Cecilia I., 2025). • <i>Computer Science</i> at Sapienza University of Rome: 11 theses (Michele S., Fabiana M., Marco R., Nagarjun L., Elvina L., Vincenzo R., Andrea P., Tommaso B., Dave B., Valerio G., Andrea T., 2022-2024). • <i>Cybersecurity</i> at Sapienza University of Rome: 1 thesis (Michele K., 2024). • <i>Economics and communication for management and innovation</i> at Sapienza University of Rome: 3 theses (Mariia D., Emanuele C., Dario A., 2021-2022).	
	Co-supervisor	• <i>Business Informatics</i> at Utrecht University: 2 theses (Alan C., Christoffer KG., 2025). • <i>Information Systems</i> at WU Vienna: 4 theses (Maxim V., Dominik H., Erwin F., Roman M., 2015-2020). • <i>Computer Science and Engineering</i> at Sapienza University of Rome: 3 theses (Alessio C., Vincenzo F., Ettore I., 2012-2018).	
	Examiner	• <i>Computer Science</i> at Sapienza University of Rome: 8 theses (Mujtaba HM., Giordano D., Gabriella T., Gianmarco C., Luca B., Andrei SB., Alberto M., Sanaz E., 2020-2023). • <i>Computer Science</i> at the University of Padua, Italy: 1 thesis (Guido S., 2020).	
	Co-author	Published papers co-authored by the MSc students: [35, 40, 39, 47, 60, 67, 70, 66, 80, 84, 117, 122].	

<i>BSc</i>	<i>Supervisor</i>	<ul style="list-style-type: none"> <li>• <i>Information Sciences</i> at Utrecht University: 1 thesis (Pelle V., 2024).</li> <li>• <i>Applied Computer Science and Artificial Intelligence</i> at Sapienza University of Rome: 2 theses (Cecilia I., 2023, Alessandro V., 2024).</li> <li>• <i>Computer Science</i> at Sapienza University of Rome: 14 theses (Alexandru C., Alessandro C., Jessica LC., Ralph A., Matteo M., Simone Z., Michele K., Mirko P., Marco R., Silverio M., Seweryn K., Emanuele B., Dave B., Valerio G., Daniele C., 2020-2024).</li> <li>• <i>Information Business</i> at WU Vienna, Austria: 14 theses (Thomas S., Mark S., Daniel W., Dominik H., Daniel E., Martin C., Matej P., Amra N., Maximilian K., Lukas H., Michael H., Asja H., Tianhe L., Julien T.C., 2015-2019).</li> </ul>
	<i>Co-supervisor</i>	<ul style="list-style-type: none"> <li>• <i>Information Sciences</i> at Utrecht University: 2 theses (Joris K., Wahib T., 2024-2025).</li> <li>• <i>Applied Computer Science and Artificial Intelligence</i> at Sapienza University of Rome: 2 theses (Cecilia I., Alessandro V., 2023-2024).</li> <li>• <i>Computer Science</i> at Sapienza University of Rome: 15 theses (Alexandru C., Alessandro C., Jessica LC., Ralph A., Matteo M., Simone Z., Michele K., Mirko P., Marco R., Silverio M., Seweryn K., Emanuele B., Dave B., Valerio G., Daniele C., 2020-2024).</li> <li>• <i>Information Business</i> at WU Vienna, Austria: 14 theses (Thomas S., Mark S., Daniel W., Dominik H., Daniel E., Martin C., Matej P., Amra N., Maximilian K., Lukas H., Michael H., Asja H., Tianhe L., Julien T.C., 2015-2019).</li> </ul>
	<i>Co-author</i>	Published papers co-authored by the BSc students: [30, 96, 100].

## Languages

<i>Italian</i>	Mother tongue
<i>English</i>	C1/2 (CAE, 2013); Teaching in English Advanced (Utrecht University, 2024)
<i>German</i>	B1/2

## Publication Metrics

<b>H-index</b>	36 (Google Scholar)	29 (Scopus)	<b>AW-index</b>	34.80 (Google Scholar)	25.87 (Scopus)
<b>Citations</b>	5343 (Google Scholar)	2969 (Scopus)	<b>Avg. citations</b>	43.09 (Google Scholar)	26.99 (Scopus)
<b>i10-index</b>	82 (Google Scholar)	60 (Scopus)	<b>M-index</b>	2.40 (Google Scholar)	1.93 (Scopus)





















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







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


















## Twelve Selected Publications











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- Alessio Cecconi, Luca Barbaro, Claudio Di Ciccio, and Arik Senderovich. “Measuring rule-based LTLf process specifications: A probabilistic data-driven approach”. In: *Information Systems* (2024), p. 102312. DOI: 10.1016/j.is.2023.102312  SJR Q1  JCR I.F 3.7 [3].
- Claudio Di Ciccio, Fabrizio Maria Maggi, Marco Montali, and Jan Mendling. “Resolving inconsistencies and redundancies in declarative process models”. In: *Information Systems* (2017), pp. 425–446. DOI: 10.1016/j.is.2016.09.005  SJR Q1  JCR I.F 2.551 [27].
- Claudio Di Ciccio and Massimo Mecella. “On the Discovery of Declarative Control Flows for Artful Processes”. In: *ACM Trans. Manage. Inf. Syst.* 4 (2015), 24:1–24:37. DOI: 10.1145/2629447  SJR Q1 [33].
- Marco Roveri, Claudio Di Ciccio, Chiara Di Francescomarino, and Chiara Ghidini. “Computing Unsatisfiable Cores for LTLf Specifications”. In: *J. Artif. Intell. Res.* (2024), pp. 517–558. DOI: 10.1613/jair.1.15313  SJR Q1  JCR I.F 4.5 [4].
- Claudio Di Ciccio, Han van der Aa, Cristina Cabanillas, Jan Mendling, and Johannes Prescher. “Detecting flight trajectory anomalies and predicting diversions in freight transportation”. In: *Decision Support Systems* (2016), pp. 1–17. DOI: 10.1016/j.dss.2016.05.004  SJR Q1  JCR I.F 3.222 [28].
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- Claudio Di Ciccio, Andrea Marrella, and Alessandro Russo. “Knowledge-intensive Processes: Characteristics, Requirements and Analysis of Contemporary Approaches”. In: *J. Data Semantics* 1 (2015), pp. 29–57. DOI: 10.1007/s13740-014-0038-4  SJR Q2 [32].
- Suhrid Satyal, Ingo Weber, Hye-young Paik, Claudio Di Ciccio, and Jan Mendling. “Business process improvement with the AB-BPM methodology”. In: *Information Systems* (2019), pp. 283–298. DOI: 10.1016/j.is.2018.06.007  SJR Q1  JCR I.F 2.466 [20].
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## Full List of Publications

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- [1] Silvia Miksch, Claudio Di Ciccio, Pnina Soffer, and Barbara Weber. “Visual Analytics Meets Process Mining: Challenges and Opportunities”. In: *IEEE Computer Graphics and Applications* 44.6 (2025), pp. 132–141. DOI: 10.1109/MCG.2024.3456916.  JCR I.F. 1.9.
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- [8] Dina Bayomie, Claudio Di Ciccio, and Jan Mendling. “Event-case correlation for process mining using probabilistic optimization”. In: *Information Systems* 114 (2023), p. 102167. DOI: 10.1016/j.is.2023.102167.  SJQR Q1.  JCR I.F. 3.7.
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

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## Book Chapters



- [36] Claudio Di Ciccio. “Blockchain and Distributed Ledger Technologies”. In: *The Role of Distributed Ledger Technology in Banking: From Theory to Practice*. Ed. by Sabrina Leo and Ida Claudia Panetta. Cambridge University Press, 2023, pp. 11–34. ISBN: 9781009411783. DOI: 10.1017/9781009411783.003.
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

## Papers in Proceedings









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

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

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




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