




## Curriculum Vitae et Studiorum

### Personal Data

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### Professional Experience

2022–	<i>Associate professor</i>	Department of Computer Science, Sapienza University of Rome, Italy.
2019–2022	<i>Assistant professor</i>	Department of Computer Science, Sapienza University of Rome, Italy.
2015–2019	<i>Assistant professor</i>	Institute for Information Business, Vienna University of Economics and Business (WU Vienna), Austria.
2013–2015	<i>Postdoctoral researcher</i>	Institute for Information Business, WU Vienna, Austria.
2009–2013	<i>Ph.D. candidate</i>	Department of Computer, Control, and Management Engineering, Sapienza University of Rome, Italy.
2009–2012	<i>R&amp;D engineer</i>	EXALTECH S.r.l. (IT and software development company), Latina, Italy.
2008–2009	<i>Research technician</i>	Department of Computer, Control, and Management Engineering, Sapienza University of Rome, Italy.
2005–2008	<i>Student assistant</i>	Department of Computer, Control, and Management Engineering, Sapienza University of Rome, Italy.

### Education

2009–2013	<b>Ph.D. in Computer Science and Engineering</b> at Sapienza University of Rome, Italy.	<i>With honourable mention.</i>
2005–2008	<b>Master of Science in Computer Science and Engineering</b> at Sapienza University of Rome, Italy.	Avg. exam grade: 28.9/30. Final grade: 110/110 <i>cum laude</i> .
2001–2005	<b>Bachelor of Science in Computer Science and Engineering</b> at Sapienza University of Rome, Italy.	Avg. exam grade: 29.3/30. Final grade: 110/110 <i>cum laude</i> .

### Qualifications

29/04/2021	Italian Scientific <b>Habilitation</b> as <b>Associate Professor of Computer Science</b> (01/B1).
06/05/2019	Italian Scientific <b>Habilitation</b> as <b>Associate Professor of 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) [81].
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) [71].
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) [49].
2016–2019	Awarded with the annual <b>research performance prizes</b> from the Vienna University of Economics and Business (WU Vienna) in the years 2016 (1), 2017 (1), 2018 (3), and 2019 (3).

## Memberships

- 2019– Member of the Steering Committee of the IEEE CIS Task Force on Process Mining [www.tf-pm.org](http://www.tf-pm.org)
- 2022– Member of the Program Committee Board of IJCAI [ijcai.org](http://ijcai.org)
- Member of the IEEE CIS SA P1849 Working Group (Standard for eXtensible Event Stream (XES) for Achieving Interoperability in Event Logs and Event Streams) [www.tf-pm.org/resources/xes-standard/about-xes/xes-wg](http://www.tf-pm.org/resources/xes-standard/about-xes/xes-wg)
- 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) [wu.ac.at/cryptoeconomics](http://wu.ac.at/cryptoeconomics)
- 2015–2019 Member of the IEEE CIS Task Force on Process Mining [www.tf-pm.org](http://www.tf-pm.org)
- 2013–2016 Member of the W3C RDF Stream Processing Community Group [w3.org/community/rsp](http://w3.org/community/rsp)

## Program Committees and Referrals

- 2023 *General Chair* Int. Conference on Process Mining (ICPM) [icpmconference.org/2023](http://icpmconference.org/2023)
- 2022 *PC Chair* Int. Conference on Business Process Management (BPM, GGS A) [bpm2022.uni-muenster.de](http://bpm2022.uni-muenster.de)
- 2021 *PC Chair* Int. Conference on Process Mining (ICPM) [icpmconference.org/2021](http://icpmconference.org/2021)
- 2021 *Track Chair* Int. Conference on Business Process Management (BPM, GGS A), Tutorials & Panels Track [bpm2021.diag.uniroma1.it/call-for-tutorials/](http://bpm2021.diag.uniroma1.it/call-for-tutorials/)
- 2021 *Guest Editor* Special Issue of the Journal on Data Semantics (SJR Q2) on Process Querying and Declarative, Decision and Hybrid Approaches to Processes [doi.org/10.1007/s13740-021-00130-1](https://doi.org/10.1007/s13740-021-00130-1)
- 2021 *Organiser* 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) [sites.google.com/view/bpm-problems](https://sites.google.com/view/bpm-problems)
- 2020 *Track Chair* Int. Conference on Business Process Management (BPM, GGS A), Demos & Resources Track [congreso.us.es/bpm2020/calls/demos](http://congreso.us.es/bpm2020/calls/demos)
- 2020 *Track Chair* Doctoral Consortium of the Int. Conference on Process Mining (ICPM) [icpmconference.org/2020/doctoral-consortium](http://icpmconference.org/2020/doctoral-consortium)
- 2019 *Proceedings Chair* Int. Conference on Business Process Management (BPM, GGS A) [bpm2019.ai.wu.ac.at](http://bpm2019.ai.wu.ac.at)
- 2019 *PC Chair* Blockchain Forum at the Int. Conference on Business Process Management (BPM, GGS A) <https://bpm2019.ai.wu.ac.at/call-for-blockchain-forum/>
- 2018– *Organiser* Int. Workshop on Process Querying, Manipulation and Intelligence (PQMI), co-located with the Int. Conference on Process Mining (ICPM) [processquerying.com/pqmi2021](http://processquerying.com/pqmi2021)
- 2016– *Organiser* Int. Workshop on Declarative, Decision, and Hybrid approaches to processes (DEC2H), co-located with the Int. Conference on Business Process Management (BPM, GGS A) [dec2h-2021.di.uniroma1.it](http://dec2h-2021.di.uniroma1.it)
- 2015–2016 *Organiser* 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), [ai.wu.ac.at/rw-bpms2016](http://ai.wu.ac.at/rw-bpms2016)

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- PC member*    *Conferences*
- Int. Conference on Business Process Management (BPM,  GGS A) 2018, 2019, 2020, 2021, 2023; Senior PC member since 2021
  - Int. Joint Conference on Artificial Intelligence (IJCAI,  GGS A++) 2015, 2021, 2022, 2023
  - Int. Conference on Process Mining (ICPM) 2019, 2020, 2022
  - Int. Conference on Advanced Information Systems Engineering (CAiSE,  GGS A) 2019, 2020, 2021, 2023
  - Int. Conference on Service-Oriented Computing (ICSOC,  GGS A-), 2022
  - Int. Conference on Cooperative Information Systems (CoopIS,  GGS B), 2022
  - Int. Enterprise Computing Conference (EDOC,  GGS B) 2020, 2021, 2022
  - European Conference on Information Systems (ECIS,  GGS B) 2016, 2018, 2021, 2022, 2023; Associate Editor since 2022
  - Int. Working Conference on Business Process Modeling, Development, and Support (BPMDS) 2020, 2021
  - Int. Conference on Software and System Processes (ICSSP) 2017, 2018, 2019, 2020, 2021
  - Int. Conference of the Italian Association for Artificial Intelligence (AI\*IA) 2018, 2019, 2020, 2021
  - Wirtschaftsinformatik (WI) 2020, 2021, 2022 (Associate Editor of the BPM track)
  - Int. Working Conference on Exploring Modeling Methods for Systems Analysis and Development (EMMSAD) 2018, 2019
  - Int. Conference on Subject-Oriented Business Process Management (S-BPM ONE) 2015, 2016, 2017, 2018
  - Int. Conference on Business Informatics (CBI) 2016
  - Int. Conference on Information Quality (ICIQ) 2012
- Symposia*
- Blockchain Forum at the Int. Conference on Business Process Management (BPM Blockchain Forum) 2020, 2021, 2022
  - Int. Symposium on Business Modeling and Software Design (BMSD) 2018
  - Int. Symposium on Data-driven Process Discovery and Analysis (SIMPDA) 2015, 2016, 2017
  - Special Session on Process Mining at the IEEE Symposium Series on Computational Intelligence (CIDM) 2013, 2014
  - Special Session on Process Mining at the World Congress on Computational Intelligence (WCCI) 2014
- Workshops*
- Int. Workshop on Business Process Intelligence (BPI) 2017, 2018, 2019, 2020, 2021, 2022
  - Int. Workshop on Process-oriented Data Science for Healthcare (PODS4H) 2020, 2021, 2022
  - Int. Workshop on Event Based Data Analysis (EbdA) 2020, 2021, 2022
  - Int. Workshop on Algorithms & Theories for the Analysis of Event Data (ATAED) 2016, 2017, 2018, 2019, 2020, 2022
  - Int. Workshop on Business Process Management and the Internet of Things (BP-meet-IoT) 2022
  - Int. Workshop on Data Quality and Transformation in Process Mining (DQT-PM) 2022
  - Int. Workshop on Artificial Intelligence for Business Process Management (AI4BPM) 2018, 2019, 2020, 2021
  - Int. Workshop on Blockchain Technologies for Multi-Agent Systems (BCT4MAS) 2019
  - Int. Workshop on Flexible Advanced Information Systems (FAiSE) 2019
  - Int. Workshop on Blockchains for Inter-Organizational Collaboration (BIOC) 2019
  - Int. Workshop on Security and Privacy-enhanced Business Process Management (SPBP) 2019, 2020
  - Int. Workshop on Business Data Analytics (BDA) 2018
  - Central-European Workshop on Services and their Composition (ZEUS) 2016, 2017
  - Int. Workshop on Process Querying (PQ) 2016, 2017
  - Int. Workshop on Business Process Innovation with Artificial Intelligence (BPAI) 2017
  - Int. Workshop on Cognitive Business Process Management (CBPM) 2017
  - Int. Workshop on Resource Management in Business Processes (ReMa) 2016
  - Int. Workshop on Performance and Conformance of Workflow Engines (PEACE) 2016
  - Int. Workshop on Resource Management in Service-Oriented Computing (RM-SOC 2014)
  - Int. Workshop on Artificial Intelligence meets Business Processes and Services (AIBPS) 2014
  - Int. Workshop on Knowledge-intensive Business Processes (KiBP) 2012, 2013
- Consortia*
- Jury of the Doctoral Consortium of the Int. Conference on Process Mining (ICPM DC) 2019, 2020, 2022
  - Jury of the Demo Track of the Int. Conference on Process Mining (ICPM Demos) 2019, 2020, 2021, 2022
  - Jury of the Demo Track the Int. Conference on Business Process Management (BPM Demos) 2018, 2019, 2020
  - Jury of the Business Process Intelligence Challenge (BPIC) 2014, 2015, 2016, 2017, 2018, 2019, 2020.

<i>Reviewer</i>	<i>Journals</i>
	<ul style="list-style-type: none"> <li>• Information Systems (SJR Q1) • Decision Support Systems (SJR Q1) • ACM Trans. on Software Engineering and Methodology (TOSEM, SJR Q1) • ACM Trans. on Management Information Systems (TMIS, 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) • Computers in Industry (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) • Semantic Web Journal • Revista de Informática Teórica e Aplicada • Ledger • SN Computer Science • Computing • Transactions on Petri Nets and Other Models of Concurrency • ICST Trans. Ambient Systems.</li> </ul>
<i>Board</i>	<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>

## Invited Talks

08/10/2020	“ <i>Specification Mining and the Program from the Block</i> ” at the Utrecht University, The Netherlands.
13/09/2022	“ <i>Recent Advances in Event Log Format Standardisation – An Update from the XES Working Group</i> ”, BP-meet-IoT’22, 13 September 2022, Münster, Germany.
04/07/2022	“ <i>Process Discovery III: Declarative Process Mining</i> ”, Process Mining Summer School, 4-8 July 2022, Aachen, Germany.
24/01/2022	“ <i>Blockchain: concepts and applications</i> ”, 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	“ <i>Blockchain and smart contracts: infrastructure and platforms</i> ”, Cyber 4.0 Seminar at Confindustria CONNEXT 2021, Milan, Italy.
12/10/2021	“ <i>Blockchain: concepts and research directions</i> ” for the DESTINI H2020 Twinning project, organised by the Cyprus University of Technology, Limassol, Cyprus.
02/11/2021	“ <i>Panel: Rethinking the Input for Proecss Mining</i> ” in the role of moderator at the XES 2.0 Workshop of the 3rd Int. Conference on Process Mining (ICPM 2021), Eindhoven, Netherlands.
09/09/2021	“ <i>Panel: Is process technology ready for rare events?</i> ” in the role of moderator at the 19th Int. Conference on Business Process Management (BPM 2021), Rome, Italy.
03/03/2021	“ <i>Blockchain and smart contracts: infrastructure and platforms</i> ” at the Cyber 4.0 Seminar hosted by the Cyber 4.0 Cybersecurity Competence Center, Rome, Italy.
11/11/2020	“ <i>Mining process rules from email</i> ” at the Automation, Control, and Analysis of Knowledge-intensive Processes Workshop, hosted by the IBM CASCON x EVOKE conference, Toronto, Canada.
08/10/2020	“ <i>The Process and the Blockchain: A Story of Miners</i> ” at WU Vienna, Austria.
19/02/2020	“ <i>Towards a Process-oriented Analysis of Blockchain Data</i> ” [39] at the 1st Int. Workshop on Conceptual Modeling for Distributed Ledger Technologies (MOD-DLT), co-located with Modellierung, Vienna, Austria, 19 February 2020.
19/07/2019	“ <i>The Process and the Blockchain: A Story of Miners</i> ” at the Sapienza University of Rome, Italy.
03/07/2019	“ <i>Tracking Workflows on the Blockchain</i> ” at the “Blockchain: Applications and Security” Cyber Security Summer School 2019, Voore, Estonia.

- 27/05/2019 “*Declarative Specification of Processes: Discovery and Reasoning*” at the Sapienza University of Rome, Italy.
- 15/04/2019 “*Declarative Specification of Processes: Discovery and Reasoning*” at the 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, 25 September 2018.
- 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 University of 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 Process Models*” 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.

## Presentations at Conferences and Workshops

- 27/10/2022 “*Measurement of Rule-based LTLf Declarative Process Specifications*” [31], 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*” [8], 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*” [33], 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*” [36], tutorial at the 19th Int. Conference on Business Process Management (BPM), Rome, Italy, 2021, 6-10 September 2021.
- 02/09/2019 “*Extracting Event Logs for Process Mining from Data Stored on the Blockchain*” [55] 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*” [59] 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*” [19] 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*” [20] 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*” [73] 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*” [62] 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*” [81] ★ **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*” [89] 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*” [87] at the 12th Int. Conference on Business Process Management (BPM 2014), Eindhoven, The Netherlands, 7-11 September 2014.
- 08/09/2014 “*Predictive Task Monitoring for Business Processes*” [86] at the 12th Int. Conference on Business Process Management (BPM 2014), Eindhoven, The Netherlands, 7-11 September 2014.
- 30/08/2013 “*Studies on the Discovery of Declarative Control Flows from Error-prone Data*” [91] 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*” [90] 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*” [93] 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*” [94] 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*” [95] 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*” [98] 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*” [100] 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*” [97] at the 2nd Int. ICST Conference on Ambient Media and Systems (AMBI-SYS 2011), Porto, Portugal, March 24-25 2011.

## Service

- 03/2021– *Coordinator* Admission committee for the Bachelor’s programme in *Applied Computer Science and Artificial Intelligence* at the Sapienza University of Rome and liaison for Sapienza with the College Board for Higher Education
- 11/2020– *Member* Didactic committee of the Department of Computer Science at the Sapienza University of Rome
- 03/2020– *Member* Scientific Board of the PhD in Computer Science at the Sapienza University of Rome

## National and International Projects

- 2022– *Research unit head* PRIN 2020 research project “*exPlainable kNowledge-aware PrOcess INTelligence (PINPOINT)*”, grant number (CUP) B87G22000450001 with the Department of Computer Science of Sapienza University of Rome, Italy. Total funding: 794 578 € (Sapienza: 182 809 €).

2022–	<i>Research unit head</i>	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 €).
2022–	<i>Project coordinator</i> <i>Scientific advisor</i>	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–	<i>Faculty investigator</i>	Sapienza research project “ <i>Drones as a Service for First Emergency Rresponse</i> ” with the Department of Computer Science of Sapienza University of Rome, Italy. Funding: 45 000 €.
2021–	<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 €.
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> Lead of Work Package 8 (“ <i>Synthesis of IT artifacts: BPM implementation</i> ”).
2019	<i>Research partner</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>DELLOS 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

12/22–03/2023	Lecturer	“Blockchain” Cyber 4.0 Advanced Training Course for the Automotive Industry, Rome, Italy
09/2022	Lecturer	“Blockchain” Advanced Training Course, Bocconi Business School, Rome, Italy
07/2022	Lecturer	“Process Mining Summer School”, Aachen, Germany
06/2022	Academic co-director Co-organiser	“Challenges in building Billion Users Cloud Applications” 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 at the 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 at the Queensland University of Technology, Brisbane, QLD, Australia
08–09/2016	Visiting researcher	Applied Informatics Department at the Federal University of the State of Rio de Janeiro, Brazil
10/2014	Guest lecturer	“Process Analysis and Mining” course at Faculty of Economics of the University of Ljubljana, Slovenia
09/2012	Guest lecturer	School on Complex Software Systems Design for CINI-Finmeccanica, Rome, Italy

## Teaching Experience

10/22–	Lecturer	“Blockchain and Distributed Ledger Technologies” [EN] at Sapienza	(M.Sc., 6 ECTS)
10/22–	Lecturer	“Fundamentals of Programming and Laboratory” [EN] at Sapienza	(B.Sc., 6 ECTS)
02/22–	Lecturer	“Artificial Intelligence and Machine Learning, Unit 1” [EN] at Sapienza	(B.Sc., 6 ECTS)
02/20–03/23	Lecturer	“Computer Architectures” [IT] at Sapienza	(B.Sc., 6 ECTS)
10/20–09/22	Lecturer	“Blockchain Technologies” [EN] at Sapienza	(M.Sc., 6 ECTS)
10/20–09/21	Lecturer	“Programming” [EN] at Sapienza	(B.Sc., 6 ECTS)
10/20–09/21	Lecturer	“Business Intelligence” [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” [DE] at WU Vienna	(B.Sc., 4 ECTS)
10/14–01/2016	Lecturer	“Process-oriented Systems Analysis” [EN] 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

<i>Advisor</i>	Advisor for <b>5 Ph.D. students</b> at Sapienza University of Rome, Italy, co-advisor for <b>1 Ph.D. student</b> and daily advisor for <b>3 Ph.D. students</b> at WU Vienna, Austria. Published papers co-authored with the Ph.D. students: [4, 3, 13, 20, 32, 31, 30, 34, 44, 47, 57, 50, 53, 54, 56, 58, 84, 85, 88].
<i>Supervisor</i>	<b>3 theses</b> for the <b>Master of Science in Computer Science</b> , <b>3 theses</b> for the <b>Master of Science in Economics and communication for management and innovation</b> , <b>13 theses</b> for the Bachelor of Science in <b>Computer Science</b> at the Sapienza University of Rome, Italy, and <b>14 theses</b> for the Bachelor of Science in <b>Information Business</b> at WU Vienna, Austria. Published papers co-authored with the students: [22, 35, 71, 75].
<i>Co-supervisor</i>	<b>4 theses</b> for the Master of Science in <b>Information Systems</b> at WU Vienna, Austria, <b>3 theses</b> for the Master of Science in <b>Computer Science and Engineering</b> at the Sapienza University of Rome, Italy. Published papers co-authored with the students: [27, 42, 45, 41, 55, 59, 92, 97].
<i>Examiner</i>	A <b>Ph.D. defense</b> in <b>Computer Science</b> at the University of Copenhagen, Denmark, and a Ph.D. defense in <b>Computer Science and Engineering</b> at the University of Seville, Spain; <b>4 theses</b> for the Master of Science in <b>Computer Science</b> at the Sapienza University of Rome, Italy; <b>1 thesis</b> for the Master of Science in <b>Computer Science</b> at the University of Padua, Italy.

## Languages

<i>Italian</i>	Mother tongue
<i>English</i>	C1/2 (CAE, 2013)
<i>German</i>	B1/2

## Computing Languages

<i>Stand-alone</i>	Python, Bash, Solidity, Java SE, R, C
<i>Web, mark-up</i>	PHP, JavaScript, Java EE, JSP, HTML, CSS, XML, XSLT, L <sup>A</sup> T <sub>E</sub> X
<i>Querying</i>	SQL, XPath, XQuery

## Publication Metrics

<b>H-index</b>	31 (Google Scholar)	24 (Scopus)	<b>AW-index</b>	27.00 (Google Scholar)	20.00 (Scopus)
<b>Citations</b>	3443 (Google Scholar)	1940 (Scopus)	<b>Avg. citations</b>	31.02 (Google Scholar)	20.00 (Scopus)
<b>i10-index</b>	62 (Google Scholar)	49 (Scopus)	<b>M-index</b>	2.21 (Google Scholar)	1.71 (Scopus)

Latest update: 24/03/2023.

## Scholar Profiles

















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Scopus	 <a href="#">35193494400</a>	ResearchGate	 <a href="#">Claudio_Di_Ciccio</a>
DBLP	 <a href="#">18/10493</a>	Semantic Scholar	 <a href="#">3027667</a>
























## Twelve Selected Publications

- Claudio Di Ciccio and Marco Montali. “Declarative Process Specifications: Reasoning, Discovery, Monitoring”. In: *Process Mining Handbook*. Springer, 2022, pp. 108–152. DOI: 10.1007/978-3-031-08848-3\_4 [28].
- 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   [19].
- 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  [25].
- 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   [20].
- Claudio Di Ciccio, Giovanni Meroni, and Pierluigi Plebani. “On the adoption of blockchain for business process monitoring”. In: *Software and Systems Modeling* 3 (2022), pp. 915–937. DOI: 10.1007/s10270-021-00959-x   [6].
- Alessio Cecconi, Giuseppe De Giacomo, Claudio Di Ciccio, Fabrizio Maria Maggi, and Jan Mendling. “Measuring the interestingness of temporal logic behavioral specifications in process mining”. In: *Information Systems* (2022), p. 101920. DOI: 10.1016/j.is.2021.101920   [4].
- Claudio Di Ciccio, Fabrizio Maria Maggi, and Jan Mendling. “Efficient discovery of Target-Branched Declare constraints”. In: *Information Systems* (2016), pp. 258–283. DOI: 10.1016/j.is.2015.06.009   [21].
- Claudio Di Ciccio, Fabrizio Maria Maggi, Marco Montali, and Jan Mendling. “On the Relevance of a Business Constraint to an Event Log”. In: *Information Systems* (2018), pp. 144–161. DOI: 10.1016/j.is.2018.01.011   [18].
- 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  [24].
- 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   [12].
- Jan Mendling, Ingo Weber, Wil Van Der Aalst, Jan Vom Brocke, Cristina Cabanillas, Florian Daniel, Søren Debois, Claudio Di Ciccio, Marlon Dumas, Schahram Dustdar, Avigdor Gal, Luciano García-Bañuelos, Guido Governatori, Richard Hull, Marcello La Rosa, Henrik Leopold, Frank Leymann, Jan Recker, Manfred Reichert, Hajo A. Reijers, Stefanie Rinderle-Ma, Andreas Solti, Michael Rosemann, Stefan Schulte, Mumindar P. Singh, Tijs Slaats, Mark Staples, Barbara Weber, Matthias Weidlich, Mathias Weske, Xiwei Xu, and Liming Zhu. “Blockchains for Business Process Management - Challenges and Opportunities”. In: *ACM Trans. Manage. Inf. Syst.* 1 (2018), 4:1–4:16. DOI: 10.1145/3183367  [17].
- Fabrizio Maria Maggi, Claudio Di Ciccio, Chiara Di Francescomarino, and Taavi Kala. “Parallel algorithms for the automated discovery of declarative process models”. In: *Information Systems* (2018), pp. 136–152. DOI: 10.1016/j.is.2017.12.002   [16].

## Full List of Publications

### Journal Articles



- [1] Paolo Bottoni, Claudio Di Ciccio, Remo Pareschi, Domenico Tortola, Nicola Gessa, and Gilda Massa. “Blockchain-as-a-service and blockchain-as-a-partner: Implementation options for supply chain optimization”. In: *Blockchain: Research and Applications* (2023), p. 100119. DOI: <https://doi.org/10.1016/j.bcra.2022.100119>.
- [2] Iris Beerepoot, Claudio Di Ciccio, Hajo A. Reijers, Stefanie Rinderle-Ma, Wasana Bandara, Andrea Burattin, Diego Calvanese, Tianwa Chen, Izack Cohen, Benoît Depaire, Gemma Di Federico, Marlon Dumas, Christopher van Dun, Tobias Fehrer, Dominik A. Fischer, Avigdor Gal, Marta Indulska, Vatche Isahagian, Christopher Klinkmüller, Wolfgang Kratsch, Henrik Leopold, Amy Van Looy, Hugo Lopez, Sanja Lukumbuzya, Jan Mendling, Lara Meyers, Linda Moder, Marco Montali, Vinod Muthusamy, Manfred Reichert, Yara Rizk, Michael Rosemann, Maximilian Röglinger, Shazia Sadiq, Ronny Seiger, Tijs Slaats, Mantas Simkus, Ida Asadi Someh, Barbara Weber, Ingo Weber, Mathias Weske, and Francesca Zerbato. “The biggest business process management problems to solve before we die”. In: *Computers in Industry* 146 (2023), p. 103837. DOI: <https://doi.org/10.1016/j.compind.2022.103837>.  SJR Q1.  JCR I.F 11.24.
- [3] Anton Yeshchenko, Claudio Di Ciccio, Jan Mendling, and Artem Polyvyanyy. “Visual Drift Detection for Event Sequence Data of Business Processes”. In: *IEEE Transactions on Visualization and Computer Graphics* 28.8 (2022), pp. 3050–3068. DOI: [10.1109/TVCG.2021.3050071](https://doi.org/10.1109/TVCG.2021.3050071).  SJR Q1.  JCR I.F 4.579.
- [4] Alessio Cecconi, Giuseppe De Giacomo, Claudio Di Ciccio, Fabrizio Maria Maggi, and Jan Mendling. “Measuring the interestingness of temporal logic behavioral specifications in process mining”. In: *Information Systems* 107 (2022), p. 101920. DOI: [10.1016/j.is.2021.101920](https://doi.org/10.1016/j.is.2021.101920).  SJR Q1.  JCR I.F 3.180.
- [5] Jorge Munoz-Gama, Niels Martin, Carlos Fernandez-Llatas, Owen A. Johnson, Marcos Sepúlveda, Emmanuel Helm, Victor Galvez-Yanjari, Eric Rojas, Antonio Martinez-Millana, Davide Aloini, Ilaria Angela Amantea, Robert Andrews, Michael Arias, Iris Beerepoot, Elisabetta Benevento, Andrea Burattin, Daniel Capurro, Josep Carmona, Marco Comuzzi, Benjamin Dalmas, Rene de la Fuente, Chiara Di Francescomarino, Claudio Di Ciccio, Roberto Gatta, Chiara Ghidini, Fernanda Gonzalez-Lopez, Gema Ibanez-Sanchez, Hilda B. Klasky, Angelina Prima Kurniati, Xixi Lu, Felix Mannhardt, Ronny Mans, Mar Marcos, Renata Medeiros de Carvalho, Marco Pegoraro, Simon K. Poon, Luise Pufahl, Hajo A. Reijers, Simon Remy, Stefanie Rinderle-Ma, Lucia Sacchi, Fernando Seoane, Minseok Song, Alessandro Stefanini, Emilio Sulis, Arthur H.M. ter Hofstede, Pieter J. Toussaint, Vicente Traver, Zoe Valero-Ramon, Inge van de Weerd, Wil M.P. van der Aalst, Rob Vanwersch, Mathias Weske, Moe Thandar Wynn, and Francesca Zerbato. “Process mining for healthcare: Characteristics and challenges”. In: *Journal of Biomedical Informatics* 127 (2022), p. 103994. DOI: [10.1016/j.jbi.2022.103994](https://doi.org/10.1016/j.jbi.2022.103994).  SJR Q1.  JCR I.F 6.317.
- [6] Claudio Di Ciccio, Giovanni Meroni, and Pierluigi Plebani. “On the adoption of blockchain for business process monitoring”. In: *Software and Systems Modeling* 21.3 (2022), pp. 915–937. DOI: [10.1007/s10270-021-00959-x](https://doi.org/10.1007/s10270-021-00959-x).  SJR Q2.  JCR I.F 1.910.
- [7] Daniel Beverungen, Joos C. A. M. Buijs, Jörg Becker, Claudio Di Ciccio, Wil M.P. van der Aalst, Christian Bartelheimer, Jan vom Brocke, Marco Comuzzi, Karsten Kraume, Henrik Leopold, Martin Matzner, Jan Mendling, Nadine Ogonek, Till Post, Manuel Resinas, Kate Revoredo, Adela del-Río-Ortega, Marcello La Rosa, Flávia Maria Santoro, Andreas Solti, Minseok Song, Armin Stein, Matthias Stierle, and Verena Wolf. “Seven Paradoxes of Business Process Management in a Hyper-Connected World”. In: *Business & Information Systems Engineering* 63.2 (2021), pp. 145–156. DOI: [10.1007/s12599-020-00646-z](https://doi.org/10.1007/s12599-020-00646-z).  SJR Q1.  JCR I.F 4.532.
- [8] Boudewijn F. van Dongen, Johannes De Smedt, Claudio Di Ciccio, and Jan Mendling. “Conformance checking of mixed-paradigm process models”. In: *Information Systems* (2021). DOI: [10.1016/j.is.2020.101685](https://doi.org/10.1016/j.is.2020.101685).  SJR Q1.  JCR I.F 3.180.
- [9] Artem Polyvyanyy, Andreas Solti, Matthias Weidlich, Claudio Di Ciccio, and Jan Mendling. “Monotone Precision and Recall Measures for Comparing Executions and Specifications of Dynamic Systems”. In: *ACM Trans. Softw. Eng. Methodol.* 29.3 (2020). DOI: [10.1145/3387909](https://doi.org/10.1145/3387909).  SJR Q2.  JCR I.F 2.674.
- [10] Christian Janiesch, Agnes Koschmider, Massimo Mecella, Barbara Weber, Andrea Burattin, Claudio Di Ciccio, Giancarlo Fortino, Avigdor Gal, Udo Kannengiesser, Felix Mannhardt, Andrea Marrella, Jan Mendling, Andreas Oberweis, Manfred Reichert, Stefanie Rinderle-Ma, Estefanía Serral, WenZhan Song, Jianwen Su, Victoria Torres, Matthias Weidlich, Mathias Weske, and Liang Zhang. “The Internet-of-Things Meets Business Process Management: Mutual Benefits and Challenges”. In: *IEEE Systems, Man, and Cybernetics Magazine* 6.4 (2020), pp. 34–44. DOI: [10.1109/MSMC.2020.3003135](https://doi.org/10.1109/MSMC.2020.3003135).



- [11] Pnina Soffer, Annika Hinze, Agnes Koschmider, Holger Ziekow, Claudio Di Ciccio, Boris Koldehofe, Oliver Kopp, Arno Jacobsen, Jan Sürmeli, and Wei Song. “From event streams to process models and back: Challenges and opportunities”. In: *Information Systems* 81 (2019), pp. 181–200. DOI: 10.1016/j.is.2017.11.002.  SJR Q1.  JCR I.F 2.466.
- [12] Suhrid Satyal, Ingo Weber, Hye-young Paik, Claudio Di Ciccio, and Jan Mendling. “Business process improvement with the AB-BPM methodology”. In: *Information Systems* 84 (2019), pp. 283–298. DOI: 10.1016/j.is.2018.06.007.  SJR Q1.  JCR I.F 2.466.
- [13] Claudio Di Ciccio, Alessio Cecconi, Marlon Dumas, Luciano García-Bañuelos, Orlenys López-Pintado, Qinghua Lu, Jan Mendling, Alexander Ponomarev, An Binh Tran, and Ingo Weber. “Blockchain Support for Collaborative Business Processes”. In: *Informatik Spektrum* 42 (3 2019), pp. 182–190. DOI: 10.1007/s00287-019-01178-x.
- [14] Stefan Schönig, Cristina Cabanillas, Claudio Di Ciccio, Stefan Jablonski, and Jan Mendling. “Mining team compositions for collaborative work in business processes”. In: *Software & Systems Modeling* 17.2 (2018), pp. 675–693. DOI: 10.1007/s10270-016-0567-4.  SJR Q2.  JCR I.F 2.660.
- [15] Thomas Baier, Claudio Di Ciccio, Jan Mendling, and Mathias Weske. “Matching events and activities by integrating behavioral aspects and label analysis”. In: *Software & Systems Modeling* 17.2 (2018), pp. 573–598. DOI: 10.1007/s10270-017-0603-z.  SJR Q2.  JCR I.F 2.660.
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







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





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