

Curriculum Vitae et Studiorum

Contact Data

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Professional Experience

12/2023 —→	<i>Associate professor</i>	Department of Information and Computing Sciences, Utrecht University, Netherlands.
12/2022 —→ 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 —→ 11/2019	<i>(tenure track) Assistant professor</i>	Institute for Information Business, Vienna University of Economics and Business (WU Vienna), Austria.
07/2015 —→ 06/2015	<i>(non-tenure track) Postdoctoral researcher</i>	Institute for Information Business, Vienna University of Economics and Business (WU Vienna), Austria.
07/2013 —→ 06/2012	<i>Postdoctoral researcher R&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, research technician</i>	Department of Computer, Control, and Management Engineering, Sapienza University of Rome, Italy.
09/2005		

Education

↪ 06/2013	Ph.D. in Computer Science and Engineering	(proclaimed: 07/10/2013)
11/2009	at Sapienza University of Rome, Italy.	<i>With honourable mention.</i>
↪ 10/2008	Master of Science in Computer Science and Engineering	(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	Bachelor of Science in Computer Science and Engineering	(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	Senior Research Qualification (SKOz) issued by Utrecht University.
15/06/2022	Certification of expertise in high-innovation and quality teaching (QUiD) at Sapienza.
29/04/2021	Italian scientific habilitation as Associate Professor of Computer Science (01/B1) .
06/05/2019	Italian scientific habilitation as Associate Professor of Information Proc. Systems (09/H1) .
15/06/2011	Italian professional qualification as Information Engineer .

Honours and Awards

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

Memberships

2019–	Member of the Steering Committee of the IEEE CIS Task Force on Process Mining	 www.tf-pm.org
2022–	Member of the Program Committee Board of IJCAI	 ijcai.org
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)	 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
2015–2019	Member of the IEEE CIS Task Force on Process Mining	 www.tf-pm.org
2013–2016	Member of the W3C RDF Stream Processing Community Group	 w3.org/community/rsp

Chairpersonship and Organisation

2025	<i>Workshop Chair</i>	Int. Conference on Process Mining (ICPM)  icpmconference.org/2025/call-for-workshop-proposals/
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)  https://bpm2024.agh.edu.pl/call-for-blockchain-forum/
2024	<i>Workshop Chair</i>	Int. Conference on Advanced Information Systems Engineering (CAiSE, GGS A)  https://cyprusconferences.org/caise2024/call-for-workshops/
2023	<i>General Chair</i>	Int. Conference on Process Mining (ICPM)  icpmconference.org/2023
2023–	<i>Editorial Board</i>	Journal of Intelligent Information Systems (■ SJR Q2)  link.springer.com/journal/10844
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  doi.org/10.1016/j.jis.2025.102535
2022–2023	<i>Guest Editor</i>	Special Issue of the Journal of Intelligent Information Systems (■ SJR Q2) on Recent Advances in Process Analytics  doi.org/10.1007/s13740-021-00130-1
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  sciencedirect.com/special-issue/10Z18JFBSW3
2022	<i>PC Chair</i>	Int. Conference on Business Process Management (BPM, GGS A)  bpm2022.uni-muenster.de
2021	<i>PC Chair</i>	Int. Conference on Process Mining (ICPM)  icpmconference.org/2021
2021	<i>Track Chair</i>	Int. Conference on Business Process Management (BPM, GGS A), Tutorials & Panels Track  bpm2021.diag.uniroma1.it/call-for-tutorials/
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  doi.org/10.1007/s13740-021-00130-1
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)  fm-bpm2024.github.io
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)  sites.google.com/view/bpm-problems
2020	<i>Track Chair</i>	Int. Conference on Business Process Management (BPM, GGS A), Demos & Resources Track  congreso.us.es/bpm2020/calls/demos
2020	<i>Track Chair</i>	Doctoral Consortium of the Int. Conference on Process Mining (ICPM)  icpmconference.org/2020/doctoral-consortium

2019	<i>Proceedings Chair</i>	Int. Conference on Business Process Management (BPM, GGS A) ⌚ bpm2019.ai.wu.ac.at
2019	<i>Track Chair</i>	Blockchain Forum at the Int. Conference on Business Process Management (BPM, GGS A) ⌚ https://bpm2019.ai.wu.ac.at/call-for-blockchain-forum/
2018–2024	<i>Organiser</i>	Int. Workshop on Process Querying, Manipulation and Intelligence (PQMI), co-located with the Int. Conference on Process Mining (ICPM) ⌚ processquerying.com/pqmi2024
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) ⌚ dec2h-2023.di.uniroma1.it
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), ⌚ ai.wu.ac.at/rw-bpms2016

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 **Keynote:** “*«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 **Keynote:** “*Look but don’t touch: On the impalpable bond between blockchain and process*” at the 4th BPM Blockchain Forum, Utrecht, Netherlands.
- 19/08/2023 **Keynote:** “*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 **Keynote:** “*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.
- 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	<i>“Model checking of mixed-paradigm process models in a discovery context – Finding the fit between declarative and procedural”</i> [87] at the 12th Int. Workshop on Business Process Intelligence (BPI 2016), Rio de Janeiro, Brazil, 19 September 2016.
01/09/2015	<i>“Ensuring model consistency in declarative process discovery”</i> [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	<i>“Log-based understanding of business processes through temporal logic query checking”</i> [114] at the 22nd Int. Conference on Cooperative Information Systems (CoopIS 2014), Amantea, Italy, 27-31 October 2014.
10/09/2014	<i>“Discovering target-branched Declare constraints”</i> [112] at the 12th Int. Conference on Business Process Management (BPM 2014), Eindhoven, Netherlands, 7-11 September 2014.
08/09/2014	<i>“Predictive task monitoring for business processes”</i> [111] at the 12th Int. Conference on Business Process Management (BPM 2014), Eindhoven, Netherlands, 7-11 September 2014.
30/08/2013	<i>“Studies on the discovery of declarative control flows from error-prone data”</i> [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	<i>“A two-step fast algorithm for the automated discovery of declarative workflows”</i> [115] at the IEEE Symposium on Computational Intelligence and Data Mining (CIDM 2013), Singapore, 16-19 April 2013.
14/09/2012	<i>“Goal-based composition of stateful services for smart homes”</i> [118] at the 20th Int. Conference on Cooperative Information Systems (CoopIS 2012), Rome, Italy, 10-14 September 2012.
15/06/2012	<i>“Knowledge-intensive processes: An overview of contemporary approaches”</i> [119] at the 1st Int. Workshop on Knowledge-intensive Business Processes (KiBP 2012), Rome, Italy, 15 June 2012.
22/05/2012	<i>“Mining constraints for artful processes”</i> [120] at the 15th Int. Conference on Business Information Systems (BIS 2012), Vilnius, Lithuania, May 21-23 2012.
25/11/2011	<i>“Representing and visualizing mined artful processes in MailOfMine”</i> [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	<i>“MailOfMine – Analyzing mail messages for mining artful collaborative processes”</i> [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	<i>“Service composition and advanced user interfaces in the home of tomorrow: the SM4All approach”</i> [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	<i>“Declarative process specification mining: Discovery of and reasoning on temporal-logic rules”</i> at KU Leuven, Belgium.
20/11/2025	<i>“Blockchain technologies for process management”</i> at KU Leuven, Belgium.
30/04/2025	<i>“Preserving secrecy for process data exchange via public blockchain”</i> , Sapienza Cybersecurity Seminars, Sapienza University of Rome, Italy.
21/06/2024	<i>“Declarative process specification mining: discovering and reasoning on temporal-logic rules”</i> , VvL Dutch Logic PhD Day 2024, Vrije Universiteit (VU) Amsterdam, The Netherlands.
11/04/2024	<i>“Declarative process specification mining”</i> , Latin American School on Process Variability and Mining, Universidad de la República, Uruguay.
16/01/2024	<i>“Formal foundations of process mining: A primer”</i> at WU Vienna, Austria.
06/02/2023	<i>“Specification mining and the program from the block”</i> at 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.
09/03/2022	<i>“Blockchain as a process automation infrastructure”</i> , Sapienza Cybersecurity Seminars, Sapienza University of Rome, Italy.
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 process mining”</i> 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	<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.
08/10/2020	<i>“The process and the blockchain: A story of miners”</i> at WU Vienna, Austria.
19/07/2019	<i>“The Process and the blockchain: A story of miners”</i> at 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	<i>“Declarative specification of processes: Discovery and reasoning”</i> at Sapienza University of Rome, Italy.
15/04/2019	<i>“Declarative specification of processes: Discovery and reasoning”</i> at Utrecht University, The Netherlands.
12/04/2019	<i>“Declarative specification of processes: Discovery and reasoning”</i> at the Eindhoven University of Technology, The Netherlands.
19/12/2018	<i>“An introduction to process mining”</i> at the Technical University of Vienna (TU Wien), Austria.
13/11/2018	<i>“How to execute business processes on the blockchain”</i> at the Process Management Summit of the Gesellschaft für Prozessmanagement, Vienna, Austria, 13 November 2018.
09/11/2018	<i>“Data Science × Business Process Management = Process Mining”</i> at the 16 th PQM Dialog (“Process Mining – Reale Prozesse im Fokus”), FH Kufstein, Austria, 9 November 2018.
04/10/2018	<i>“Declarative business processes: Discovery and reasoning”</i> at the Seminars of the University of Wollongong, NSW, Australia, 4 October 2018.
25/09/2018	<i>“Declarative business processes: Discovery and reasoning”</i> at the CIS Seminars of the University of Melbourne, VIC, Australia.
14/08/2018	<i>“Tracking business processes on the blockchain”</i> at Dagstuhl Seminar 18332 (“Blockchain Technology for Collaborative Information Systems”), Schloss Dagstuhl, Germany, 12–17 August 2018.
08/02/2018	<i>“Paradigm-independence of metrics”</i> at the Brainstorm Seminar Conformance Checking Metrics, Maastricht, Belgium, 8 February 2018.
14/03/2018	<i>“Data Science + BPM”</i> at the Data Science Society Kick-off event, Vienna, Austria, 14 March 2018.
17/11/2017	<i>“The application of process analytics in the field of smart logistics: Examples from airfreight and road transportation”</i> at the University of Edinburgh, United Kingdom.
28/09/2017	<i>“Logistics data: Analysis, mining, and execution on blockchain”</i> at the European Supply Chain Forum’s Data2Move kick-off meeting, 28-29 September 2017, Eindhoven, The Netherlands.
06/03/2017	<i>“The application of process analytics in the field of smart logistics: Examples from airfreight and road transportation”</i> at CSIRO/Data61, Sydney, Australia.
07/12/2016	<i>“Automated discovery of declarative process models”</i> at the Humboldt-Universität zu Berlin, Germany.
13/09/2016	<i>“Introduction to process mining”</i> at the Federal University of the State of Rio de Janeiro, Brazil.
25/08/2016	<i>“Predictive task monitoring: Processing flight events to foresee diversions”</i> at Dagstuhl Seminar 16341 (“Integrating Process-Oriented and Event-Based Systems”), Schloss Dagstuhl, Germany, 21–26 August 2016.
22/09/2015	<i>“The automated discovery of declarative processes”</i> at the Workshop on the Presence and Future of Process Mining, Bratislava, Slovak Republic, 22-23 September 2015.
15/09/2014	<i>“Automated control-flow discovery of declarative processes”</i> at the Hasso-Plattner Institute, University of Potsdam, Germany.
12/12/2013	<i>“Automated control-flow discovery of declarative processes”</i> at the Eindhoven University of Technology, The Netherlands.
09/12/2013	<i>“Flight diversion prediction based on event data”</i> at the Eindhoven University of Technology, The Netherlands.

Program Committees and Referrals

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

Reviewer	Journals	
		<ul style="list-style-type: none"> Information Systems (SJR Q1) Journal of Industrial Information Integration (SJR Q1) Journal of Information Security and Applications (SJR Q1) IEEE Transactions on Information Forensics & 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 & 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.

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>Health-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 €). pinpoint.unibz.it/
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 €). brie.moveax.it/
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	<i>Faculty investigator</i>	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	<i>Faculty investigator</i>	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	<i>Faculty host</i>	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 €). cordis.europa.eu/project/id/645751
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. blockchain-center.at
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. ai.wu.ac.at/shape-project
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. cordis.europa.eu/project/id/318275
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. sm4all-project.eu
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. delosw.isti.cnr.it
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
bb-smile.net/
- 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> ”,  <u>Dagstuhl Seminar 25152</u> , Wadern, Germany.
04/2024	<i>Lecturer</i>	“ <i>Latinoamerican School on Process Variability and Mining</i> ”, Montevideo, Uruguay  fing.edu.uy/inco/eventos/bpmuy/2024/index2.html
09/2023	<i>Academic director Organiser</i>	“ <i>Challenges in building Billion Users Cloud Applications</i> ” (BUCA’23) Summer School, Varenna, Italy  buca23.bici.events
09/2023	<i>Organiser</i>	“ <i>Human in the (Process) Mines</i> ”,  <u>Dagstuhl Seminar 23271</u> , Wadern, Germany.
12/22–03/2023	<i>Lecturer</i>	“ <i>Blockchain</i> ” Cyber 4.0 Advanced Training Course for the Automotive Industry, Rome, Italy
11/22–05/2023	<i>Lecturer</i>	“ <i>Girls for Green Technology Applications</i> ” (G4GRETA) course for girls enrolled in high schools, Sapienza University of Rome, Italy
07/2022	<i>Lecturer</i>	“ <i>Process Mining Summer School</i> ”, Aachen, Germany  process-mining-summer-school.org
06/2022	<i>Academic director Organiser</i>	“ <i>Challenges in building Billion Users Cloud Applications</i> ” (BUCA’22) Summer School, Bertinoro, Italy
04/2022	<i>Lecturer</i>	“ <i>Designing Blockchain-based Applications</i> ”, Master in Service Design, POLI.design, Milan, Italy
01–03/2022	<i>Committee member</i>	Examination board for recruitment procedure C05 at the Chamber of Deputies, Rome, Italy
04/2020	<i>Lecturer</i>	“ <i>Process Mining</i> ” PhD Course, University of Calabria, Rende, Italy
07/2019	<i>Lecturer</i>	“ <i>Blockchain: Applications and Security</i> ” Cyber Security PhD Summer School 2019, Voore, Estonia
02–06/2019	<i>Academic director Lecturer</i>	“ <i>Blockchain – Transforming Business</i> ” course of the WU Executive Academy programme, Vienna, Austria
08–10/2018	<i>Visiting researcher</i>	School of Computing and Information Systems, University of Melbourne, VIC, Australia
10/17–02/2019	<i>Lecturer</i>	“ <i>Data Science</i> ” course of the WU Executive Academy programme, Vienna, Austria
01–03/2017	<i>Visiting researcher</i>	Information Systems School, Science and Engineering Faculty, Queensland University of Technology, Brisbane, QLD, Australia
08–09/2016	<i>Visiting researcher</i>	Department of Computer Science, Humboldt-Universität zu Berlin, Germany
08–09/2016	<i>Visiting researcher</i>	Applied Informatics Department, Federal University of the State of Rio de Janeiro, Brazil
10/2014	<i>Guest lecturer</i>	“ <i>Process Analysis and Mining</i> ” course at the Faculty of Economics of the University of Ljubljana, Slovenia
12/2013	<i>Visiting researcher</i>	Department of Industrial Engineering and Innovation Sciences, Eindhoven University of Technology, The Netherlands
09/2012	<i>Guest lecturer</i>	School on Complex Software Systems Design for CINI-Finmeccanica, Rome, Italy

Teaching Experience

09/25–	<i>Lecturer</i>	“ <i>Software Production Seminars</i> ” (60%) [EN] at Utrecht University	(M.Sc., 7.5 ECTS)
09/24–	<i>Lecturer</i>	“ <i>Data Modelling</i> ” (40%) [EN] at Utrecht University	(B.Sc., 7.5 ECTS)
05/24–	<i>Lecturer</i>	“ <i>Process Modelling</i> ” (40%) [EN] at Utrecht University	(B.Sc., 7.5 ECTS)
02/25–08/2025	<i>Lecturer</i>	“ <i>Theories in Information Systems</i> ” [EN] at Utrecht University	(M.Sc., 7.5 ECTS)
02/24–09/2024	<i>Lecturer</i>	“ <i>Software Architectures</i> ” (40%) [EN] at Utrecht University	(M.Sc., 7.5 ECTS)
10/22–09/2024	<i>Lecturer</i>	“ <i>Blockchain and Distributed Ledger Technologies</i> ” [EN] at Sapienza	(M.Sc., 6 ECTS)
02/22–03/2024	<i>Lecturer</i>	“ <i>Artificial Intelligence and Machine Learning, Unit 1</i> ” [EN] at Sapienza	(B.Sc., 6 ECTS)
10/22–12/2023	<i>Lecturer</i>	“ <i>Introduction to Programming and Laboratory</i> ” [EN] at Sapienza	(B.Sc., 6 ECTS)

02/20–03/2023	<i>Lecturer</i>	“Computer Architectures” [IT] at Sapienza	(B.Sc., 6 ECTS)
10/20–09/2022	<i>Lecturer</i>	“Blockchain Technologies” [EN] at Sapienza	(M.Sc., 6 ECTS)
10/20–09/2021	<i>Lecturer</i>	“Programming” [EN] at Sapienza	(B.Sc., 6 ECTS)
10/20–09/2021	<i>Lecturer</i>	“Business Intelligence” (50%) [EN] at Sapienza	(M.Sc., 3 ECTS)
02/20–03/2021	<i>Lecturer</i>	“Algorithm Design (Lab.)” [IT] at Sapienza	(B.Sc., 3 ECTS)
02/19–09/2020	<i>Lecturer</i>	“Business Process Management” [EN] at WU Vienna	(M.Sc., 4 ECTS)
10/19–11/2019	<i>Lecturer</i>	“Applications of Data Science” [EN] at WU Vienna	(B.Sc., 4 ECTS)
10/18–11/2019	<i>Lecturer</i>	“Formal Foundations of Business Process Modelling” [EN] at WU Vienna	(M.Sc., 4 ECTS)
02/19–09/2019	<i>Lecturer</i>	“Seminars in Blockchains and Processes” [EN] at WU Vienna	(B.Sc., 4 ECTS)
10/17–01/2019	<i>Lecturer</i>	“Process Implementation” [EN] at WU Vienna	(B.Sc., 4 ECTS)
02/18–09/2018	<i>Lecturer</i>	“Blockchain Applications of Data Science” [EN] at WU Vienna	(B.Sc., 4 ECTS)
10/17–01/2018	<i>Lecturer</i>	“Business Process Analytics” [EN] at WU Vienna	(M.Sc., 4 ECTS)
02/16–09/2017	<i>Lecturer</i>	“Formal Foundations of System Analysis” [EN] at WU Vienna	(B.Sc., 4 ECTS)
10/14–01/2016	<i>Lecturer</i>	“Process-oriented Systems Analysis” (50%) [DE] at WU Vienna	(B.Sc., 4 ECTS)
02/09–09/2013	<i>Tutor</i>	“Service-Oriented Architectures” [IT] at Sapienza	(M.Sc., 6 ECTS)
02/09–09/2013	<i>Tutor</i>	“Seminars in Software and Services” [EN] at Sapienza	(M.Sc., 1 ECTS)
02/05–09/2008	<i>Tutor</i>	“Software Design” [IT] at Sapienza	(B.Sc., 5 ECTS)

Supervision

<i>PhD</i>	<i>Supervisor</i>	• <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).
	<i>Co-supervisor</i>	• <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).
<i>Daily advisor</i>		• <i>Business Informatics</i> at WU Vienna, Austria: 1 PhD candidate (Johannes P.) and 2 PhD laureates (Anton Y., Dina B., 2022).
<i>Examiner</i>		• <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 S. T., 2024). • <i>Computer Science and Mathematics</i> at the University of Camerino, Italy (Alessandro M., 2023).
<i>Co-author</i>		• <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].
<i>MSc</i>	<i>Supervisor</i>	• <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).
	<i>Co-supervisor</i>	• <i>Business Informatics</i> at Utrecht University: 2 theses (Alan CV., Christoffer K. G., 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).
<i>Examiner</i>		• <i>Computer Science</i> at Sapienza University of Rome: 8 theses (Mujtaba H. M., Giordano D., Gabriella T., Gianmarco C., Luca B., Andrei S. B., Alberto M. M., Sanaz E., 2020-2023). • <i>Computer Science</i> at the University of Padua, Italy: 1 thesis (Guido S., 2020).
<i>Co-author</i>		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"> • <i>Information Sciences</i> at Utrecht University: 1 thesis (Pelle V., 2024). • <i>Applied Computer Science and Artificial Intelligence</i> at Sapienza University of Rome: 2 theses (Cecilia I., 2023, Alessandro V., 2024). • <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). • <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).
	<i>Co-supervisor</i>	<ul style="list-style-type: none"> • <i>Information Sciences</i> at Utrecht University: 2 theses (Joris K., Wahib T., 2024-2025). • <i>Applied Computer Science and Artificial Intelligence</i> at Sapienza University of Rome: 2 theses (Cecilia I., Alessandro V., 2023-2024). • <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). • <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).
	<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

H-index	39 (Google Scholar)	31 (Scopus)	AW-index	31.87 (Google Scholar)	23.24 (Scopus)
Citations	6512 (Google Scholar)	3563 (Scopus)	Avg. citations	48.24 (Google Scholar)	30.45 (Scopus)
i10-index	90 (Google Scholar)	63 (Scopus)	M-index	2.29 (Google Scholar)	1.82 (Scopus)

Latest update: 2026-01-09. Measures computed via Publish or Perish. Data sources: Google Scholar and Scopus.

Scholar Profiles

Google Scholar

 OBwQoWsAAAAJ

Scopus

 35193494400

DBLP

 18/10493

ORCID

 0000-0001-5570-0475

ResearchGate

 R⁶ Claudio_Di_Ciccio

Semantic Scholar

 3027667

Twelve Selected Publications

1. 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 [37].
2. 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].
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].
4. 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].
5. 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].
6. 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].
7. 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  SJR Q2  JCR I.F 1.910 [14].
8. 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  SJR Q1  JCR I.F 2.777 [29].
9. 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  SJR Q1  JCR I.F 2.066 [26].
10. 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].
11. 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].
12. 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  SJR Q1  JCR I.F 2.066 [24].

Full List of Publications

Journal Articles

- [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.
- [2] Eva Piccirilli, Claudio Di Ciccio, Marco Montali, Rafael Peñaloza, Luigi Pontieri, and Francesco Ricca. "Explainable Knowledge-Aware Process Intelligence". In: *KI - Künstliche Intelligenz* (2025). DOI: 10.1007/s13218-025-00897-6.
- [3] Alessio Cecconi, Luca Barbaro, Claudio Di Ciccio, and Arik Senderovich. "Measuring rule-based LTLf process specifications: A probabilistic data-driven approach". In: *Information Systems* 120 (2024), p. 102312. DOI: 10.1016/j.is.2023.102312.  SJR Q1.  JCR I.F 3.7.
- [4] Marco Roveri, Claudio Di Ciccio, Chiara Di Francescomarino, and Chiara Ghidini. "Computing Unsatisfiable Cores for LTLf Specifications". In: *J. Artif. Intell. Res.* 80 (2024), pp. 517–558. DOI: 10.1613/jair.1.15313.  SJR Q1.  JCR I.F 4.5.
- [5] Anti Alman, Alessio Arleo, Iris Beerepoot, Andrea Burattin, Claudio Di Ciccio, and Manuel Resinas. "Tiramisù: making sense of multi-faceted process information through time and space". In: *Journal of Intelligent Information Systems* (2024), pp. 1–21. DOI: 10.1007/s10844-024-00875-8.  SJR Q2.  JCR I.F 2.3.
- [6] 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: 10.1016/j.bcra.2022.100119.  SJR Q1.
- [7] 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: 10.1016/j.compind.2022.103837.  SJR Q1.  JCR I.F 8.2.
- [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.  SJR Q1.  JCR I.F 3.7.
- [9] Jörg Becker, Friedrich Chasin, Michael Rosemann, Daniel Beverungen, Jennifer Priefer, Jan vom Brocke, Martin Matzner, Adela del Rio Ortega, Manuel Resinas, Flavia Santoro, Minseok Song, Kangah Park, and Claudio Di Ciccio. "City 5.0: Citizen involvement in the design of future cities". In: *Electronic Markets* 33.10 (2023), pp. 1–21. DOI: 10.1007/s12525-023-00621-y.  SJR Q1.  JCR I.F 6.378.
- [10] Davide Basile, Claudio Di Ciccio, Valerio Goretti, and Sabrina Kirrane. "Blockchain based resource governance for decentralized web environments". In: *Frontiers in Blockchain* 6 (2023), p. 1141909. DOI: 10.3389/fbloc.2023.1141909.  JCR I.F 3.1.
- [11] 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.  SJR Q1.  JCR I.F 4.579.
- [12] 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.  SJR Q1.  JCR I.F 3.7.
- [13] 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 Kuriani, 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. SJR Q1. JCR I.F 6.317.
- [14] 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. SJR Q2. JCR I.F 1.910.
- [15] 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. SJR Q1. JCR I.F 4.532.
- [16] Boudewijn F. van Dongen, Johannes De Smedt, Claudio Di Ciccio, and Jan Mendling. "Conformance checking of mixed-paradigm process models". In: *Information Systems* (2021), p. 101685. DOI: 10.1016/j.is.2020.101685. SJR Q1. JCR I.F 3.180.
- [17] 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. SJR Q2. JCR I.F 2.674.
- [18] 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.
- [19] 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.
- [20] 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.
- [21] 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.
- [22] 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.
- [23] 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.
- [24] 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* 74 (2018), pp. 136–152. DOI: 10.1016/j.is.2017.12.002. SJR Q1. JCR I.F 2.066.
- [25] 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, Munindar P. Singh, Tijs Slaats, Mark Staples, Barbara Weber, Matthias Weidlich, Mathias Weske, Xwei Xu, and Liming Zhu. "Blockchains for Business Process Management - Challenges and Opportunities". In: *ACM Trans. Manage. Inf. Syst.* 9.1 (2018), 4:1–4:16. DOI: 10.1145/3183367. SJR Q1.
- [26] 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* 78 (2018), pp. 144–161. DOI: 10.1016/j.is.2018.01.011. SJR Q1. JCR I.F 2.066.

- [27] Claudio Di Ciccio, Fabrizio Maria Maggi, Marco Montali, and Jan Mendling. “Resolving inconsistencies and redundancies in declarative process models”. In: *Information Systems* 64 (2017), pp. 425–446. DOI: 10.1016/j.is.2016.09.005.
- [28] 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* 88 (2016), pp. 1–17. DOI: 10.1016/j.dss.2016.05.004.
- [29] Claudio Di Ciccio, Fabrizio Maria Maggi, and Jan Mendling. “Efficient discovery of Target-Branched Declare constraints”. In: *Information Systems* 56 (2016), pp. 258–283. DOI: 10.1016/j.is.2015.06.009.
- [30] Michael Hanser, Claudio Di Ciccio, and Jan Mendling. “A New Notational Framework for Declarative Process Modeling”. In: *Softwaretechnik-Trends* 36.2 (2016), pp. 53–56. URL: https://fb-swt.gi.de/fileadmin/FB/SWT/Softwaretechnik-Trends/Verzeichnis/Band_36_Heft_2/beitrag_1.pdf.
- [31] Stefan Schönig, Cristina Cabanillas, Claudio Di Ciccio, Stefan Jablonski, and Jan Mendling. “Mining Resource Assignments and Teamwork Compositions from Process Logs”. In: *Softwaretechnik-Trends* 36.4 (2016). URL: https://fb-swt.gi.de/fileadmin/FB/SWT/Softwaretechnik-Trends/Verzeichnis/Band_36_Heft_4/Schoenig_et_al_2016.pdf.
- [32] Claudio Di Ciccio, Andrea Marrella, and Alessandro Russo. “Knowledge-intensive Processes: Characteristics, Requirements and Analysis of Contemporary Approaches”. In: *J. Data Semantics* 4.1 (2015), pp. 29–57. DOI: 10.1007/s13740-014-0038-4.
- [33] Claudio Di Ciccio and Massimo Mecella. “On the Discovery of Declarative Control Flows for Artful Processes”. In: *ACM Trans. Manage. Inf. Syst.* 5.4 (2015), 24:1–24:37. DOI: 10.1145/2629447.
- [34] Claudio Di Ciccio and Massimo Mecella. “Mining Artful Processes from Knowledge Workers’ Emails”. In: *IEEE Internet Computing* 17.5 (2013), pp. 10–20. DOI: 10.1109/MIC.2013.60.
- [35] Claudio Di Ciccio, Massimo Mecella, Mario Caruso, Vincenzo Forte, Ettore Iacomussi, Katharina Rasch, Leonardo Querzoni, Giuseppe Santucci, and Giuseppe Tino. “The Homes of Tomorrow: Service Composition and Advanced User Interfaces”. In: *EAI Endorsed Trans. Ambient Systems* 11.1 (2011), pp. 1–13. DOI: 10.4108/trans.amsys.2011.e2.

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.
- [37] Claudio Di Ciccio and Marco Montali. “Declarative Process Specifications: Reasoning, Discovery, Monitoring”. In: *Process Mining Handbook*. Ed. by Wil M.P. van der Aalst and Josep Carmona. Vol. 448. Lecture Notes in Business Information Processing. Springer, 2022, pp. 108–152. ISBN: 978-3-031-08847-6. DOI: 10.1007/978-3-031-08848-3_4.

Papers in Proceedings

- [38] Davide Basile and Claudio Di Ciccio. “Secrecy Preservation for Online Process Monitoring with Trusted Execution Environment”. In: *Business Process Management - 23rd International Conference, BPM 2025, Seville, Spain, August 31 - September 5, 2025, Proceedings*. Ed. by Arik Senderovich, Cristina Cabanillas, Irene Vanderfeesten, and Hajo A. Reijers. Vol. 16044. Lecture Notes in Computer Science. Springer, 2025, pp. 235–254. ISBN: 978-3-032-02866-2. DOI: 10.1007/978-3-032-02867-9_15.
- [39] Michele Kryston, Edoardo Marangone, Claudio Di Ciccio, Daniele Friolo, Eugenio Nerio Nemmi, Mattia Samory, Michele Spina, Daniele Venturi, and Ingo Weber. “MARTSIA: A Tool for Confidential Data Exchange via Public Blockchain”. In: *Intelligent Information Systems - CAiSE 2025 Forum and Doctoral Consortium, Vienna, Austria, June 16-20, 2025, Proceedings*. Ed. by Luise Pufahl, Kristina Rosenthal, Sergio España, and Selmin Nurcan. Vol. 557. Lecture Notes in Business Information Processing. Springer, 2025, pp. 173–180. ISBN: 978-3-031-94589-2. DOI: 10.1007/978-3-031-94590-8_21.
- [40] Cecilia Iacometta and Claudio Di Ciccio. “Declarative Process Mining with MINERful, Reloaded”. In: *Joint Proceedings of the Best Dissertation Award, Doctoral Consortium, and Demonstration & Resources Forum at BPM 2025 co-located with 23rd International Conference on Business Process Management (BPM 2025), Seville, Spain, August 31st to September 5th, 2025*. Ed. by Hajo Reijers, Andrea Marrella, Adela del Río Ortega, Stefanie Rinderle-Ma, Benoît Depaire, Jana-Rebecca Rehse, Flavia Santoro, Francesca Zerbato, Alfonso Eduardo Marquez-Chamorro, Iris Beerepoot, Simone Agostinelli, and Johannes De Smedt. Vol. 4032. CEUR Workshop Proceedings. CEUR-WS.org, 2025, pp. 328–335. URL: <https://ceur-ws.org/Vol-4032/paper-43.pdf>.

- [41] Alessandro Marcelletti, Edoardo Marangone, Michele Kryston, and Claudio Di Ciccio. "Balancing Confidentiality and Transparency for Blockchain-Based Process-Aware Information Systems". In: *Business Process Management Forum - BPM 2025 Forum, Seville, Spain, August 31 – September 5, 2025, Proceedings*. Ed. by Arik Senderovich, Cristina Cabanillas, Irene Vanderfeesten, and Hajo A. Reijers. Vol. 564. Lecture Notes in Business Information Processing. Springer, 2025, pp. 238–255. ISBN: 978-3-032-02929-4. DOI: 10.1007/978-3-032-02929-4_14.
- [42] Luca Barbaro, Giovanni Varricchione, Marco Montali, and Claudio Di Ciccio. "From Sound Workflow Nets to LTLf Declarative Specifications by Casting Three Spells". In: *Business Process Management Forum - BPM 2025 Forum, Seville, Spain, August 31 – September 5, 2025, Proceedings*. Ed. by Arik Senderovich, Cristina Cabanillas, Irene Vanderfeesten, and Hajo A. Reijers. Vol. 564. Lecture Notes in Business Information Processing. Springer, 2025, pp. 3–22. ISBN: 978-3-032-02929-4. DOI: 10.1007/978-3-032-02929-4_1.
- [43] Valerio Goretti, Sabrina Kirrane, and Claudio Di Ciccio. "Usage Control for Process Discovery through a Trusted Execution Environment". In: *Service-Oriented Computing - 23rd International Conference, ICSOC 2025, Shenzhen, China, December 1-4, 2025, Proceedings, Part II*. Ed. by Marco Aiello, Shuguang Deng, Juan Manuel Murillo Rodriguez, Ilche Georgievski, Boualem Banatallah, and Zhongjie Wang. Vol. 16321. Lecture Notes in Computer Science. Springer, 2025, pp. 268–286. ISBN: 978-981-95-5015-9. DOI: 10.1007/978-981-95-5015-9_20. ☐ GGS A-. ☐ CORE A.
- [44] Marcus Dees, Peter H.G. Berkhout, Claudio Di Ciccio, and Hajo A. Reijers. "Decision Noise Instrument (DNI): Estimating Decision Noise in Business Processes". In: *Enterprise Design, Operations, and Computing - 29th International Conference, EDOC 2025, Lisbon, Portugal, September 9-12, 2025, Revised Selected Papers*. Ed. by Alessandro Gianola, Renata Guizzardi, José Borbinha, Miguel Mira da Silva, and José Barateiro. Vol. 16213. Lecture Notes in Computer Science. Springer, 2025. ISBN: 978-3-032-15140-7. ☐ GGS B. ☐ CORE B.
- [45] Anti Alman, Alessio Arleo, Iris Beerepoot, Andrea Burattin, Claudio Di Ciccio, and Manuel Resinas. "Tiramisu: A Recipe for Visual Sensemaking of Multi-Faceted Process Information". In: *Process Mining Workshops - ICPM 2023 International Workshops, Rome, Italy, October 23-27, 2023, Revised Selected Papers*. Ed. by Johannes De Smedt and Pnina Soffer. Lecture Notes in Business Information Processing. Springer, 2024, pp. 19–31. DOI: 10.1007/978-3-031-56107-8_2. ★ Best Workshop Paper Award at the 5th International Workshop on Event Data and Behavioral Analytics (EdbA'23).
- [46] Valerio Goretti, Davide Basile, Luca Barbaro, and Claudio Di Ciccio. "Trusted Execution Environment for Decentralized Process Mining". In: *Advanced Information Systems Engineering - 36th International Conference, CAiSE 2024, Limassol, Cyprus, June 3-7, 2024, Proceedings*. Ed. by Giancarlo Guizzardi, Flávia Maria Santoro, Haralampos Mouratidis, and Pnina Soffer. Vol. 14663. Lecture Notes in Computer Science. Springer, 2024, pp. 509–527. ISBN: 978-3-031-61056-1. DOI: 10.1007/978-3-031-61057-8_30. ☐ GGS A. ☐ CORE A.
- [47] Edoardo Marangone, Michele Spina, Claudio Di Ciccio, and Ingo Weber. "CAKE: Sharing Slices of Confidential Data on Blockchain". In: *Intelligent Information Systems – CAiSE Forum 2024, Limassol, Cyprus, June 3-7, 2024, Proceedings*. Ed. by Shareef Islam and Arnon Sturm. Vol. 520. Lecture Notes in Business Information Processing. Springer, 2024, pp. 138–147. ISBN: 978-3-031-60999-2. DOI: 10.1007/978-3-031-61000-4_16.
- [48] Sabrina Leo, Andrea Delle Foglie, Luca Barbaro, Edoardo Marangone, Ida Claudia Panetta, and Claudio Di Ciccio. "Transforming Credit Guarantee Schemes with Distributed Ledger Technology". In: *Navigating the Technological Tide: The Evolution and Challenges of Business Model Innovation, ICBT 2024, Cambridge, UK, April 19-20, 2024, Proceedings*. Ed. by Bahaaeddin Alareeni and Allam Hamdan. Vol. 1083. Lecture Notes in Networks and Systems. Springer, 2024, pp. 314–324. ISBN: 978-3-031-67431-0. DOI: 10.1007/978-3-031-67431-0_30.
- [49] Valerio Goretti, Davide Basile, Luca Barbaro, and Claudio Di Ciccio. "CONFINE: Preserving Data Secrecy in Decentralized Process Mining". In: *Doctoral Consortium and Demo Track at the International Conference on Process Mining 2024 co-located with the 6th International Conference on Process Mining (ICPM 2024), Copenhagen, Denmark, October 15, 2024*. Ed. by Jochen De Weerdt, Giovanni Meroni, Han van der Aa, and Karolin Winter. Vol. 3783. CEUR Workshop Proceedings. CEUR-WS.org, 2024, pp. 63–68. URL: https://ceur-ws.org/Vol-3783/paper_324.pdf.
- [50] Anti Alman, Alessio Arleo, Iris Beerepoot, Andrea Burattin, Claudio Di Ciccio, and Manuel Resinas. "A Taste of the Different Flavors of Tiramisù". In: *Doctoral Consortium and Demo Track at the International Conference on Process Mining 2024 co-located with the 6th International Conference on Process Mining (ICPM 2024), Copenhagen, Denmark, October 15, 2024*. Ed. by Jochen De Weerdt, Giovanni Meroni, Han van der Aa, and Karolin Winter. Vol. 3783. CEUR Workshop Proceedings. CEUR-WS.org, 2024, pp. 154–159. URL: https://ceur-ws.org/Vol-3783/paper_357.pdf.

- [51] Han van der Aa, Claudio Di Ciccio, Djordje Djurica, Kathrin Figl, Jan Mendling, Luise Pufahl, Jana-Rebecca Rehse, and Maxim Vidgof. "Process Mining and Visual Analytics". In: *26th International Conference on Business Informatics, CBI 2024, Vienna, Austria, 9–13 September 2024*. Ed. by Peter Fettke, Hans Weigand, Ulrich Frank, and Christian Huemer. IEEE, 2024. ISBN: 979-8-3315-2909-3. DOI: 10.1109/CBI62504.2024.00039.
- [52] Davide Basile, Claudio Di Ciccio, Valerio Goretti, and Sabrina Kirrane. "A Blockchain-driven Architecture for Usage Control in Solid". In: *43rd IEEE International Conference on Distributed Computing Systems, ICDCS 2023 - Workshops, Hong Kong, July 18-21, 2023*. Ed. by Elisa Bertino and Baochun Li. IEEE, 2023, pp. 19–24. ISBN: 979-8-3503-2812-7. DOI: 10.1109/ICDCSW60045.2023.00009.
- [53] Edoardo Marangone, Claudio Di Ciccio, Daniele Friolo, Eugenio Neri Nemmi, Daniele Venturi, and Ingo Weber. "MARTSIA: Enabling Data Confidentiality for Blockchain-based Process Execution". In: *Enterprise Design, Operations, and Computing - 27th International Conference, EDOC 2023, Groningen, The Netherlands, October 30 - November 3, 2023, Proceedings*. Ed. by Henderik A. Proper, Luise Pufahl, Dimka Karastoyanova, Marten van Sinderen, and João L. R. Moreira. Vol. 14367. Lecture Notes in Computer Science. Springer, 2023, pp. 58–76. ISBN: 978-3-031-46586-4. DOI: 10.1007/978-3-031-46587-1_4.  GGS B.  CORE B.
- [54] Moe Thandar Wynn, Julian Lebherz, Wil M.P. van der Aalst, Rafael Accorsi, Claudio Di Ciccio, Lakmali Jayaratna, and H.M.W. Verbeek. "Rethinking the Input for Process Mining: Insights from the XES Survey and Workshop". In: *Process Mining Workshops - ICPM 2021 International Workshops, Eindhoven, The Netherlands, October 31-November 4, 2021, Revised Selected Papers*. Ed. by Xixi Lu and Jorge Munoz-Gama. Lecture Notes in Business Information Processing. Springer, 2022, pp. 3–16. ISBN: 978-3-030-98581-3. DOI: 10.1007/978-3-030-98581-3_1.
- [55] Edoardo Marangone, Claudio Di Ciccio, and Ingo Weber. "Fine-Grained Data Access Control for Collaborative Process Execution on Blockchain". In: *Business Process Management: Blockchain, Robotic Process Automation, and Central and Eastern Europe Forum, BPM 2022 Blockchain, RPA, and CEE Forum, Münster, Germany, September 11-16, 2022, Proceedings*. Ed. by Andrea Marrella, Raimundas Matulevičius, Renata Gabryelczyk, Bernhard Axmann, Vesna Bosilj Vukšić, Walid Gaaloul, Mojca Indihar Štemberger, Andrea Kő, and Qinghua Lu. Lecture Notes in Business Information Processing. Springer, 2022, pp. 51–67. ISBN: 978-3-031-16168-1. DOI: 10.1007/978-3-031-16168-1_4.
- [56] Alessio Cecconi, Claudio Di Ciccio, and Arik Senderovich. "Measurement of Rule-based LTLf Declarative Process Specifications". In: *4th International Conference on Process Mining, ICPM 2022, Bolzano, Italy, October 23-28, 2022*. Ed. by Andrea Burattin, Artem Polyvyanyy, and Barbara Weber. IEEE, 2022, pp. 96–103. DOI: 10.1109/ICPM57379.2022.9980690.
- [57] Dina Bayomie, Kate Revoredo, Claudio Di Ciccio, and Jan Mendling. "Improving Accuracy and Explainability in Event-Case Correlation via Rule Mining". In: *4th International Conference on Process Mining, ICPM 2022, Bolzano, Italy, October 23-28, 2022*. Ed. by Andrea Burattin, Artem Polyvyanyy, and Barbara Weber. IEEE, 2022, pp. 24–31. DOI: 10.1109/ICPM57379.2022.9980684.
- [58] Marco Roveri, Claudio Di Ciccio, Chiara Di Francescomarino, and Chiara Ghidini. "Computing unsatisfiable cores for LTLf specifications". In: *Proceedings of the Workshop on Process Management in the AI Era (PMAI 2022) co-located with 31st International Joint Conference on Artificial Intelligence and the 25th European Conference on Artificial Intelligence (IJCAI-ECAI 2022), Vienna, Austria, July 23, 2022*. Ed. by Giuseppe De Giacomo, Antonella Guzzo, Marco Montali, Lior Limonad, Fabiana Fournier, and Tagatha Chakraborti. Vol. 3310. CEUR Workshop Proceedings. CEUR-WS.org, 2022, pp. 81–84. URL: <https://ceur-ws.org/Vol-3310/paper12.pdf>.
- [59] Alessio Cecconi, Adriano Augusto, and Claudio Di Ciccio. "Detection of Statistically Significant Differences Between Process Variants Through Declarative Rules". In: *Business Process Management Forum - BPM Forum 2021, Rome, Italy, September 06-10, 2021, Proceedings*. Ed. by Artem Polyvyanyy, Moe Thandar Wynn, Amy Van Looy, and Manfred Reichert. Vol. 427. Lecture Notes in Business Information Processing. Springer, 2021, pp. 73–91. ISBN: 978-3-030-85439-3. DOI: 10.1007/978-3-030-85440-9_5.
- [60] Davide Basile, Valerio Goretti, Claudio Di Ciccio, and Sabrina Kirrane. "Enhancing Blockchain-Based Processes with Decentralized Oracles". In: *Business Process Management: Blockchain and Robotic Process Automation Forum - BPM 2021 Blockchain and RPA Forum, Rome, Italy, September 6-10, 2021, Proceedings*. Ed. by José González Enríquez, Søren Debois, Peter Fettke, Pierluigi Plebani, Inge van de Weerd, and Ingo Weber. Vol. 428. Lecture Notes in Business Information Processing. Springer, 2021, pp. 102–118. ISBN: 978-3-030-85866-7. DOI: 10.1007/978-3-030-85867-4_8.

- [61] Anti Alman, Claudio Di Ciccio, Fabrizio Maria Maggi, Marco Montali, and Han van der Aa. "RuM: Declarative Process Mining, Distilled". In: *Business Process Management - 19th International Conference, BPM 2021, Rome, Italy, September 06-10, 2021, Proceedings*. Ed. by Artem Polyvyanyy, Moe Thandar Wynn, Amy Van Looy, and Manfred Reichert. Vol. 12875. Lecture Notes in Computer Science. Springer, 2021, pp. 23–29. ISBN: 978-3-030-85468-3. DOI: 10.1007/978-3-030-85469-0_3. ☐ GGS A. ☐ CORE A.
- [62] Iris Beerepoot, Claudio Di Ciccio, Hajo A. Reijers, and Stefanie Rinderle-Ma. "The Biggest Business Process Management Problems of Our Time". In: *Proceedings of the International Workshop on BPM Problems to Solve Before We Die (PROBLEMS 2021) co-located with the 19th International Conference on Business Process Management (BPM 2021), Rome, Italy, September 6-10, 2021*. Ed. by Iris Beerepoot, Claudio Di Ciccio, Andrea Marrella, Hajo A. Reijers, Stefanie Rinderle-Ma, and Barbara Weber. Vol. 2938. CEUR Workshop Proceedings. CEUR-WS.org, 2021, pp. 1–5. URL: <http://ceur-ws.org/Vol-2938/paper-PROBLEMS-01.pdf>.
- [63] Anti Alman, Claudio Di Ciccio, and Fabrizio Maria Maggi. "Rule Mining with RuM (Extended Abstract)". In: *Proceedings of the 1st Italian Forum on Business Process Management co-located with the 19th International Conference of Business Process Management (BPM 2021), Rome, Italy, September 10th, 2021*. Ed. by Andrea Marrella and Daniele Theseider Dupré. Vol. 2952. CEUR Workshop Proceedings. CEUR-WS.org, 2021, pp. 38–43. URL: http://ceur-ws.org/Vol-2952/paper_296a.pdf.
- [64] Claudio Di Ciccio. "Towards a Process-oriented Analysis of Blockchain Data". In: *Companion Proceedings of Modellierung 2020 Short, Workshop and Tools & Demo Papers co-located with Modellierung 2020, Vienna, Austria, February 19-21, 2020*. Ed. by Judith Michael, Dominik Bork, Hans-Georg Fill, Peter Fettke, Dimitris Karagiannis, Julius Köpke, Agnes Koschmider, Heinrich C. Mayr, Jana-Rebecca Rehse, Ulrich Reimer, Michael Striewe, Marina Tropmann-Frick, and Meike Ullrich. Vol. 2542. CEUR Workshop Proceedings. CEUR-WS.org, 2020, pp. 42–44. URL: <http://ceur-ws.org/Vol-2542/MOD-DLT1.pdf>.
- [65] Claudio Di Ciccio, Giovanni Meroni, and Pierluigi Plebani. "Business Process Monitoring on Blockchains: Potentials and Challenges". In: *Enterprise, Business-Process and Information Systems Modeling - 21st International Conference, BPMDS 2020, 25th International Conference, EMMSAD 2020, Held at CAiSE 2020, Grenoble, France, June 8-9, 2020, Proceedings*. Ed. by Selmin Nurcan, Iris Reinhartz-Berger, Pnina Soffer, and Jelena Zdravkovic. Vol. 387. Lecture Notes in Business Information Processing. Springer, 2020, pp. 36–51. ISBN: 978-3-030-49417-9. DOI: 10.1007/978-3-030-49418-6_3.
- [66] Roman Mühlberger, Stefan Bachhofner, Eduardo Castelló Ferrer, Claudio Di Ciccio, Ingo Weber, Maximilian Wöhrer, and Uwe Zdun. "Foundational Oracle Patterns: Connecting Blockchain to the Off-chain World". In: *Business Process Management: Blockchain and Robotic Process Automation Forum - BPM 2020 Blockchain and RPA Forum, Seville, Spain, September 13-18, 2020, Proceedings*. Ed. by Aleksandre Asatiani, José María García, Nina Helander, Andrés Jiménez Ramírez, Agnes Koschmider, Jan Mendling, Giovanni Meroni, and Hajo Reijers. Lecture Notes in Business Information Processing. Springer, 2020, pp. 35–51. ISBN: 978-3-030-58778-9. DOI: 10.1007/978-3-030-58779-6_3.
- [67] Anti Alman, Claudio Di Ciccio, Dominik Haas, Fabrizio Maria Maggi, and Alexander Nolte. "Rule Mining with RuM". In: *2nd International Conference on Process Mining, ICPM 2020, Padua, Italy, October 4-9, 2020*. Ed. by Boudewijn F. van Dongen, Marco Montali, and Moe Thandar Wynn. IEEE, 2020, pp. 121–128. ISBN: 978-1-7281-9832-3. DOI: 10.1109/ICPM49681.2020.00027.
- [68] Kathrin Figl, Claudio Di Ciccio, and Hajo A. Reijers. "Do declarative process models help to reduce cognitive biases related to business rules?" In: *Conceptual Modeling - 39th International Conference, ER 2019, Vienna, Austria, November 3-6, 2020, Proceedings*. Ed. by Gillian Dobbie, Ulrich Frank, Gerti Kappel, Stephen W. Liddle, and Heinrich C. Mayr. Lecture Notes in Computer Science. Springer, 2020, pp. 119–133. ISBN: 978-3-030-62522-1. DOI: 10.1007/978-3-030-62522-1_9. ☐ GGS B. ☐ CORE A.
- [69] Alessio Cecconi, Giuseppe De Giacomo, Claudio Di Ciccio, and Jan Mendling. "A Temporal Logic-Based Measurement Framework for Process Mining". In: *2nd International Conference on Process Mining, ICPM 2020, Padua, Italy, October 4-9, 2020*. Ed. by Boudewijn F. van Dongen, Marco Montali, and Moe Thandar Wynn. IEEE, 2020, pp. 113–120. ISBN: 978-1-7281-9832-3. DOI: 10.1109/ICPM49681.2020.00026.
- [70] Anti Alman, Claudio Di Ciccio, Dominik Haas, Fabrizio Maria Maggi, and Jan Mendling. "Rule Mining in Action: The RuM Toolkit". In: *Proceedings of the ICPM Doctoral Consortium and Tool Demonstration Track 2020 co-located with the 2nd International Conference on Process Mining (ICPM 2020), Padua, Italy, October 4-9, 2020*. Ed. by Claudio Di Ciccio, Benoît Depaire, Jochen De Weerdt, Chiara Di Francescomarino, and Jorge Munoz-Gama. Vol. 2703. CEUR Workshop Proceedings. CEUR-WS.org, 2020, pp. 51–54. URL: <http://ceur-ws.org/Vol-2703/paperTD9.pdf>.

- [71] Artem Polyvyanyy, Hanan Alkhammash, Claudio Di Ciccio, Luciano García-Bañuelos, Anna A. Kalenkova, Sander J.J. Leemans, Jan Mendling, Alistair Moffat, and Matthias Weidlich. "Entropia: A Family of Entropy-Based Conformance Checking Measures for Process Mining". In: *Proceedings of the ICPM Doctoral Consortium and Tool Demonstration Track 2020 co-located with the 2nd International Conference on Process Mining (ICPM 2020), Padua, Italy, October 4-9, 2020*. Ed. by Claudio Di Ciccio, Benoît Depaire, Jochen De Weerdt, Chiara Di Francescomarino, and Jorge Munoz-Gama. Vol. 2703. CEUR Workshop Proceedings. CEUR-WS.org, 2020, pp. 39–42. URL: <http://ceur-ws.org/Vol-2703/paperTD6.pdf>.
- [72] Anton Yeshchenko, Jan Mendling, Claudio Di Ciccio, and Artem Polyvyanyy. "VDD: A Visual Drift Detection System for Process Mining". In: *Proceedings of the ICPM Doctoral Consortium and Tool Demonstration Track 2020 co-located with the 2nd International Conference on Process Mining (ICPM 2020), Padua, Italy, October 4-9, 2020*. Ed. by Claudio Di Ciccio, Benoît Depaire, Jochen De Weerdt, Chiara Di Francescomarino, and Jorge Munoz-Gama. Vol. 2703. CEUR Workshop Proceedings. CEUR-WS.org, 2020, pp. 31–34. URL: <http://ceur-ws.org/Vol-2703/paperTD4.pdf>.
- [73] Sabrina Kirrane and Claudio Di Ciccio. "BlockConfess: Towards an Architecture for Blockchain Constraints and Forensics". In: *IEEE 2nd International Conference on Blockchain, Blockchain 2020, Rhodes Island, Greece, November 02-06, 2020*. IEEE, 2020, pp. 539–544. ISBN: 978-0-7381-0495-9. DOI: 10.1109/Blockchain50366.2020.00078.
- [74] Svitlana Vakulenko, Kate Revoredo, Claudio Di Ciccio, and Maarten de Rijke. "QRFA: A Data-Driven Model of Information-Seeking Dialogues". In: *Advances in Information Retrieval - 41st European Conference on Information Retrieval, ECIR 2019, Cologne, Germany, April 14-18, 2019, Proceedings, Part I*. Ed. by Leif Azzopardi, Benno Stein, Norbert Fuhr, Philipp Mayr, Claudia Hauff, and Djoerd Hiemstra. Vol. 11437. Lecture Notes in Computer Science. Springer, 2019, pp. 541–557. ISBN: 978-3-030-15711-1. DOI: 10.1007/978-3-030-15712-8_35. CORE A. ★ Best User Paper Award of the 41st European Conference on Information Retrieval (ECIR 2019).
- [75] Claudio Di Ciccio, Fajar J. Ekaputra, Alessio Cecconi, Andreas Ekelhart, and Elmar Kiesling. "Finding Non-compliances with Declarative Process Constraints through Semantic Technologies". In: *Information Systems Engineering in Responsible Information Systems - CAiSE Forum 2019, Rome, Italy, June 3-7, 2019, Proceedings*. Ed. by Cinzia Cappiello and Marcela Ruiz. Vol. 350. Lecture Notes in Business Information Processing. Springer, 2019, pp. 60–74. ISBN: 978-3-030-21296-4. DOI: 10.1007/978-3-030-21297-1_6.
- [76] Han van der Aa, Claudio Di Ciccio, Henrik Leopold, and Hajo A. Reijers. "Extracting Declarative Process Models from Natural Language". In: *Advanced Information Systems Engineering - 31st International Conference, CAiSE 2019, Rome, Italy, June 3-7, 2019, Proceedings*. Ed. by Paolo Giorgini and Barbara Weber. Vol. 11483. Lecture Notes in Computer Science. Springer, 2019, pp. 365–382. ISBN: 978-3-030-21289-6. DOI: 10.1007/978-3-030-21290-2_23. CORE A.
- [77] Stefan Schönig, Claudio Di Ciccio, and Jan Mendling. "Configuring SQL-based process mining for performance and storage optimisation". In: *Proceedings of the 34th ACM/SIGAPP Symposium on Applied Computing, SAC 2019, Limassol, Cyprus, April 8-12, 2019*. Ed. by Chih-Cheng Hung and George A. Papadopoulos. ACM, 2019, pp. 94–97. ISBN: 978-1-4503-5933-7. DOI: 10.1145/3297280.3297532.
- [78] Anton Yeshchenko, Claudio Di Ciccio, Jan Mendling, and Artem Polyvyanyy. "Comprehensive Process Drift Detection with Visual Analytics". In: *Conceptual Modeling - 39th International Conference, ER 2019, Vienna, Austria, November 3-6, 2020, Proceedings*. Ed. by Gillian Dobbie, Ulrich Frank, Gerti Kappel, Stephen W. Liddle, and Heinrich C. Mayr. Lecture Notes in Computer Science. Springer, 2019, pp. 119–135. ISBN: 978-3-030-62522-1. DOI: 10.1007/978-3-030-33223-5_11. CORE A.
- [79] Dina Bayomie, Claudio Di Ciccio, Marcello La Rosa, and Jan Mendling. "A Probabilistic Approach to Event-Case Correlation for Process Mining". In: *Conceptual Modeling - 39th International Conference, ER 2019, Vienna, Austria, November 3-6, 2020, Proceedings*. Ed. by Gillian Dobbie, Ulrich Frank, Gerti Kappel, Stephen W. Liddle, and Heinrich C. Mayr. Lecture Notes in Computer Science. Springer, 2019, pp. 136–152. ISBN: 978-3-030-62522-1. DOI: 10.1007/978-3-030-33223-5_12. CORE A.
- [80] Roman Mühlberger, Stefan Bachhofner, Claudio Di Ciccio, Luciano García-Bañuelos, and Orlenys López-Pintado. "Extracting Event Logs for Process Mining from Data Stored on the Blockchain". In: *Business Process Management Workshops - BPM 2019 International Workshops, Vienna, Austria, September 1-6, 2019, Revised Selected Papers*. Ed. by Remco M. Dijkman, Chiara Di Francescomarino, and Uwe Zdun. Vol. 362. Lecture Notes in Business Information Processing. Springer, 2019, pp. 690–703. ISBN: 978-3-030-37452-5. DOI: 10.1007/978-3-030-37453-2_55.

- [81] Anton Yeshchenko, Claudio Di Ciccio, Jan Mendling, and Artem Polyvyanyy. "Comprehensive Process Drift Analysis with the Visual Drift Detection Tool". In: *Proceedings of the ER Forum and Poster & Demos Session 2019 on Publishing Papers with CEUR-WS co-located with 38th International Conference on Conceptual Modeling (ER 2019), Salvador, Brazil, November 4, 2019*. Ed. by José Ignacio Panach, Renata S.S. Guizzardi, and Daniela Barreiro Claro. Vol. 2469. CEUR Workshop Proceedings. CEUR-WS.org, 2019, pp. 108–112. URL: <http://ceur-ws.org/Vol-2469/ERDemo01.pdf>.
- [82] Amr Azzam, Peb Ruswono Aryan, Alessio Cecconi, Claudio Di Ciccio, Fajar J. Ekaputra, Javier D. Fernández, Sotiris Karampatakis, Elmar Kiesling, Angelika Musil, Marta Sabou, Pujan Shadlau, and Thomas Thurner. "The CitySPIN Platform: A CPSS Environment for City-Wide Infrastructures". In: *Proceedings of the 1st Workshop on Cyber-Physical Social Systems co-located with the 9th International Conference on the Internet of Things (IoT 2019), Bilbao, Spain, October 22, 2019*. Ed. by Antonella Longo, Maria Fazio, Rajiv Ranjan, and Marco Zappatore. Vol. 2530. CEUR Workshop Proceedings. CEUR-WS.org, 2019, pp. 57–64. URL: <http://ceur-ws.org/Vol-2530/paper8.pdf>.
- [83] Alessio Cecconi, Claudio Di Ciccio, Giuseppe De Giacomo, and Jan Mendling. "Interestingness of traces in declarative process mining: The Janus LTL_p approach". In: *Business Process Management - 16th International Conference, BPM 2018, Sydney, NSW, Australia, September 9-14, 2018, Proceedings*. Ed. by Mathias Weske, Marco Montali, Ingo Weber, and Jan vom Brocke. Vol. 11080. Lecture Notes in Computer Science. Springer, 2018, pp. 121–138. ISBN: 978-3-319-98647-0. DOI: 10.1007/978-3-319-98648-7_8. GGS A. CORE A.
- [84] Claudio Di Ciccio, Alessio Cecconi, Jan Mendling, Dominik Felix, Dominik Haas, Daniel Lilek, Florian Riel, Andreas Rumpl, and Philipp Uhlig. "Blockchain-Based Traceability of Inter-organisational Business Processes". In: *Business Modeling and Software Design, BMSD 2018, Vienna, Austria, July 2-4, 2018, Proceedings*. Ed. by Boris Shishkov. Vol. 319. Lecture Notes in Business Information Processing. Springer, 2018, pp. 56–68. ISBN: 978-3-319-94214-8. DOI: 10.1007/978-3-319-94214-8_4.
- [85] Suhrid Satyal, Ingo Weber, Hye-young Paik, Claudio Di Ciccio, and Jan Mendling. "Shadow Testing for Business Process Improvement". In: *On the Move to Meaningful Internet Systems. OTM 2018 Conferences - Confederated International Conferences: CoopIS, CFTC, and ODBASE 2018, Valletta, Malta, October 22-26, 2018, Proceedings, Part I*. Ed. by Hervé Panetto, Christophe Debruyne, Henderik A. Proper, Claudio Agostino Ardagna, Dumitru Roman, and Robert Meersman. Vol. 11229. Lecture Notes in Computer Science. Springer, 2018, pp. 153–171. ISBN: 978-3-030-02609-7. DOI: 10.1007/978-3-030-02610-3_9. GGS A-. CORE A.
- [86] Suhrid Satyal, Ingo Weber, Hye-young Paik, Claudio Di Ciccio, and Jan Mendling. "AB Testing for Process Versions with Contextual Multi-armed Bandit Algorithms". In: *Advanced Information Systems Engineering - 30th International Conference, CAiSE 2018, Tallinn, Estonia, June 11-15, 2018, Proceedings*. Ed. by John Krogstie and Hajo A. Reijers. Vol. 10816. Lecture Notes in Computer Science. Springer, 2018, pp. 19–34. ISBN: 978-3-319-91562-3. DOI: 10.1007/978-3-319-91563-0_2. GGS A. CORE A.
- [87] Johannes De Smedt, Claudio Di Ciccio, Jan Vanthienen, and Jan Mendling. "Model Checking of Mixed-Paradigm Process Models in a Discovery Context - Finding the Fit Between Declarative and Procedural". In: *Business Process Management Workshops - BPM 2016 International Workshops, Rio de Janeiro, Brazil, September 19, 2016, Revised Papers*. Ed. by Marlon Dumas and Marcelo Fantinato. Vol. 281. Lecture Notes in Business Information Processing. Springer, 2017, pp. 74–86. ISBN: 978-3-319-58456-0. DOI: 10.1007/978-3-319-58457-7_6.
- [88] Giovanni Meroni, Claudio Di Ciccio, and Jan Mendling. "Artifact-driven Process Monitoring: Dynamically Binding Real-world Objects to Running Processes". In: *Proceedings of the Forum and Doctoral Consortium Papers Presented at the 29th International Conference on Advanced Information Systems Engineering, CAiSE 2017, Essen, Germany, June 12-16, 2017*. Ed. by Xavier Franch, Jolita Ralyté, Raimundas Matulevičius, Camille Salinesi, and Roel Wieringa. Vol. 1848. CEUR Workshop Proceedings. CEUR-WS.org, 2017, pp. 105–112. URL: http://ceur-ws.org/Vol-1848/CAiSE2017_Forum_Paper14.pdf.
- [89] Stefan Bachhofner, Isabella Kis, Claudio Di Ciccio, and Jan Mendling. "Towards a Multi-parametric Visualisation Approach for Business Process Analytics". In: *Advanced Information Systems Engineering Workshops: CAiSE 2017 International Workshops, Essen, Germany, June 12–16, 2017, Proceedings*. Ed. by Andreas Metzger and Anne Persson. Vol. 286. Lecture Notes in Business Information Processing. Springer, 2017, pp. 85–91. ISBN: 978-3-319-60048-2. DOI: 10.1007/978-3-319-60048-2_8.
- [90] Isabella Kis, Stefan Bachhofner, Claudio Di Ciccio, and Jan Mendling. "Towards a Data-Driven Framework for Measuring Process Performance". In: *Enterprise, Business-Process and Information Systems Modeling: 18th International Conference, BPMDS 2017, 22nd International Conference, EMMSAD 2017, Held at CAiSE 2017, Essen, Germany, June 12-13, 2017, Proceedings*. Ed. by Iris Reinhartz-Berger, Jens Gulden, Selmin Nurcan, Wided Guédría, and Palash Bera. Vol. 287. Lecture Notes in Business Information Processing. Springer, 2017, pp. 3–18. ISBN: 978-3-319-59466-8. DOI: 10.1007/978-3-319-59466-8_1.

- [91] Suhrid Satyal, Ingo Weber, Hye-young Paik, Claudio Di Ciccio, and Jan Mendling. "AB-BPM: Performance-Driven Instance Routing for Business Process Improvement". In: *Business Process Management - 16th International Conference, BPM 2018, Sydney, NSW, Australia, September 9-14, 2018, Proceedings*. Ed. by Mathias Weske, Marco Montali, Ingo Weber, and Jan vom Brocke. Vol. 11080. Lecture Notes in Computer Science. Springer, 2017, pp. 113–129. ISBN: 978-3-319-98647-0. DOI: 10.1007/978-3-319-65000-5_7. GGS A. CORE A.
- [92] Luciano Baresi, Claudio Di Ciccio, Jan Mendling, Giovanni Meroni, and Pierluigi Plebani. "mArtifact: an Artifact-driven Process Monitoring Platform". In: *Proceedings of the BPM Demo Track and BPM Dissertation Award co-located with 15th International Conference on Business Process Modeling (BPM 2017), Barcelona, Spain, September 13, 2017*. Ed. by Robert Clarisó, Henrik Leopold, Jan Mendling, Wil M. P. van der Aalst, Akhil Kumar, Brian T. Pentland, and Mathias Weske. Vol. 1920. CEUR Workshop Proceedings. CEUR-WS.org, 2017, pp. 1–5. URL: http://ceur-ws.org/Vol-1920/BPM_2017_paper_188.pdf.
- [93] Christian Sturm, Stefan Schönig, and Claudio Di Ciccio. "Distributed Multi-Perspective Declare Discovery". In: *Proceedings of the BPM Demo Track and BPM Dissertation Award co-located with 15th International Conference on Business Process Modeling (BPM 2017), Barcelona, Spain, September 13, 2017*. Ed. by Robert Clarisó, Henrik Leopold, Jan Mendling, Wil M. P. van der Aalst, Akhil Kumar, Brian T. Pentland, and Mathias Weske. Vol. 1920. CEUR Workshop Proceedings. CEUR-WS.org, 2017. URL: http://ceur-ws.org/Vol-1920/BPM_2017_paper_194.pdf.
- [94] Giovanni Meroni, Claudio Di Ciccio, and Jan Mendling. "An Artifact-Driven Approach to Monitor Business Processes Through Real-World Objects". In: *Service-Oriented Computing - 15th International Conference, ICSOC 2017, Malaga, Spain, November 13-16, 2017, Proceedings*. Ed. by E. Michael Maximilien, Antonio Vallecillo, Jianmin Wang, and Marc Oriol. Vol. 10601. Lecture Notes in Computer Science. Springer, 2017, pp. 297–313. ISBN: 978-3-319-69034-6. DOI: 10.1007/978-3-319-69035-3_21. GGS A-. CORE A.
- [95] Anne Baumgräß, Mirela Botezatu, Claudio Di Ciccio, Remco Dijkman, Paul Grefen, Marcin Hewelt, Jan Mendling, Andreas Meyer, Shaya Pourmirza, and Hagen Völzer. "Towards a Methodology for the Engineering of Event-Driven Process Applications". In: *Business Process Management Workshops - BPM 2015 International Workshops, Innsbruck, Austria, August 31 – September 3, 2015, Revised Papers*. Ed. by Manfred Reichert and Hajo A. Reijers. Vol. 256. Lecture Notes in Business Information Processing. Springer International Publishing, 2016, pp. 501–514. ISBN: 978-3-319-42886-4. DOI: 10.1007/978-3-319-42887-1_40.
- [96] Michael Hanser, Claudio Di Ciccio, and Jan Mendling. "A Novel Framework for Visualizing Declarative Process Models". In: *Proceedings of the 8th ZEUS Workshop, Vienna, Austria, January 27-28, 2016*. Ed. by Christoph Hochreiner and Stefan Schulte. Vol. 1562. CEUR Workshop Proceedings. CEUR-WS.org, 2016, pp. 5–12. URL: <http://ceur-ws.org/Vol-1562/paper1.pdf>. **★ Best Presentation Award at the 8th Central-European Workshop on Services and their Composition (ZEUS 2016)**.
- [97] Taavi Kala, Fabrizio Maria Maggi, Claudio Di Ciccio, and Chiara Di Francescomarino. "Apriori and Sequence Analysis for Discovering Declarative Process Models". In: *20th IEEE International Enterprise Distributed Object Computing Conference, EDOC 2016, Vienna, Austria, September 5-9, 2016*. Ed. by Florian Matthes, Jan Mendling, and Stefanie Rinderle-Ma. IEEE, 2016, pp. 50–58. ISBN: 978-1-4673-9885-5. DOI: 10.1109/EDOC.2016.7579378. GGS B. CORE B.
- [98] Fabrizio Maria Maggi, Marco Montali, Claudio Di Ciccio, and Jan Mendling. "Semantical Vacuity Detection in Declarative Process Mining". In: *Business Process Management - 14th International Conference, BPM 2016, Rio de Janeiro, Brazil, September 18-22, 2016. Proceedings*. Ed. by Marcello La Rosa, Peter Loos, and Oscar Pastor. Vol. 9850. Lecture Notes in Computer Science. Springer, 2016, pp. 158–175. ISBN: 978-3-319-45347-7. DOI: 10.1007/978-3-319-45348-4_10. GGS A. CORE A.
- [99] Stefan Schönig, Claudio Di Ciccio, Fabrizio Maria Maggi, and Jan Mendling. "Discovery of Multi-perspective Declarative Process Models". In: *Service-Oriented Computing - 14th International Conference, ICSOC 2016, Banff, AB, Canada, October 10-13, 2016, Proceedings*. Ed. by Quan Z. Sheng, Eleni Stroulia, Samir Tata, and Sami Bhiri. Vol. 9936. Lecture Notes in Computer Science. Springer, 2016, pp. 87–103. ISBN: 978-3-319-46294-3. DOI: 10.1007/978-3-319-46295-0_6. GGS A-. CORE A.
- [100] Matej Puchovsky, Claudio Di Ciccio, and Jan Mendling. "A Case Study on the Business Benefits of Automated Process Discovery". In: *Proceedings of the 6th International Symposium on Data-driven Process Discovery and Analysis (SIMPDA 2016), Graz, Austria, December 15-16, 2016*. Ed. by Paolo Ceravolo, Christian Guetl, and Stefanie Rinderle-Ma. Vol. 1757. CEUR Workshop Proceedings. CEUR-WS.org, 2016, pp. 35–49. URL: <http://ceur-ws.org/Vol-1757/paper3.pdf>.

- [101] Thomas Baier, Claudio Di Ciccio, Jan Mendling, and Mathias Weske. "Matching of Events and Activities - An Approach Using Declarative Modeling Constraints". In: *Enterprise, Business-Process and Information Systems Modeling - 16th International Conference, BPMDS 2015, 20th International Conference, EMMSAD 2015, Held at CAiSE 2015, Stockholm, Sweden, June 8-9, 2015, Proceedings*. Ed. by Khaled Gaaloul, Rainer Schmidt, Selmin Nurcan, Sérgio Guerreiro, and Qin Ma. Vol. 214. Lecture Notes in Business Information Processing. Springer, 2015, pp. 119–134. ISBN: 978-3-319-19236-9. DOI: 10.1007/978-3-319-19237-6_8.
- [102] Anne Baumgrass, Cristina Cabanillas, and Claudio Di Ciccio. "A Conceptual Architecture for an Event-based Information Aggregation Engine in Smart Logistics". In: *Enterprise Modelling and Information Systems Architectures, Proceedings of the 6th Int. Workshop on Enterprise Modelling and Information Systems Architectures, EMISA 2015, Innsbruck, Austria, September 3-4, 2015*. Ed. by Jens Kolb, Henrik Leopold, and Jan Mendling. Vol. 248. Lecture Notes in Informatics (LNI). Gesellschaft für Informatik (GI), 2015, pp. 109–123. ISBN: 978-3-88579-642-8. URL: <https://dl.gi.de/handle/20.500.12116/2040>.
- [103] Anne Baumgrass, Claudio Di Ciccio, Remco M. Dijkman, Marcin Hewelt, Jan Mendling, Andreas Meyer, Shaya Pourmirza, Mathias Weske, and Tsun Yin Wong. "GET Controller and UNICORN: Event-driven Process Execution and Monitoring in Logistics". In: *Proceedings of the BPM Demo Session 2015 Co-located with the 13th International Conference on Business Process Management (BPM 2015), Innsbruck, Austria, September 2, 2015*. Ed. by Florian Daniel and Stefan Zugal. Vol. 1418. CEUR Workshop Proceedings. CEUR-WS.org, 2015, pp. 75–79. URL: <http://ceur-ws.org/Vol-1418/paper16.pdf>.
- [104] Claudio Di Ciccio, Mario Luca Bernardi, Marta Cimitile, and Fabrizio Maria Maggi. "Generating Event Logs through the Simulation of Declare Models". In: *Enterprise and Organizational Modeling and Simulation - 11th International Workshop, EOMAS 2015, Held at CAiSE 2015, Stockholm, Sweden, June 8-9, 2015, Selected Papers*. Ed. by Joseph Barjis, Robert Pergl, and Eduard Babkin. Vol. 231. Lecture Notes in Business Information Processing. Springer, 2015, pp. 20–36. ISBN: 978-3-319-24625-3. DOI: 10.1007/978-3-319-24626-0_2.
- [105] Claudio Di Ciccio, Javier D. Fernández, and Jürgen Umbrich. "Improving the Usability of Open Data Portals from a Business Process Perspective". In: *Open Data Quality: from Theory to Practice Workshop, ODQ 2015, Munich, 30 March 2015*. Politecnico di Torino. Network of Excellence in Internet Science, 2015, pp. 6–10.
- [106] Claudio Di Ciccio, Fabrizio Maria Maggi, Marco Montali, and Jan Mendling. "Ensuring Model Consistency in Declarative Process Discovery". In: *Business Process Management - 13th International Conference, BPM 2015, Innsbruck, Austria, August 31 - September 3, 2015, Proceedings*. Ed. by Hamid Reza Motahari-Nezhad, Jan Recker, and Matthias Weidlich. Vol. 9253. Lecture Notes in Computer Science. Springer, 2015, pp. 144–159. ISBN: 978-3-319-23062-7. DOI: 10.1007/978-3-319-23063-4_9.   ★ Best Paper Award of the 13th Int. Conference on Business Process Management (BPM 2015).
- [107] Claudio Di Ciccio, Mitchel H.M. Schouten, Massimiliano de Leoni, and Jan Mendling. "Declarative Process Discovery with MINERful in ProM". In: *Proceedings of the BPM Demo Session 2015 Co-located with the 13th International Conference on Business Process Management (BPM 2015), Innsbruck, Austria, September 2, 2015*. Ed. by Florian Daniel and Stefan Zugal. Vol. 1418. CEUR Workshop Proceedings. CEUR-WS.org, 2015, pp. 60–64. URL: <http://ceur-ws.org/Vol-1418/paper13.pdf>.
- [108] Claudio Di Ciccio, Massimo Mecella, and Jan Mendling. "The Effect of Noise on Mined Declarative Constraints". In: *Data-Driven Process Discovery and Analysis*. Ed. by Paolo Ceravolo, Rafael Accorsi, and Philippe Cudre-Mauroux. Vol. 203. Lecture Notes in Business Information Processing. Springer, 2015, pp. 1–24. ISBN: 978-3-662-46435-9. DOI: 10.1007/978-3-662-46436-6_1.
- [109] Cristina Cabanillas, Enver Campara, Claudio Di Ciccio, Bartholomäus Koziel, Jan Mendling, Johannes Paulitschke, and Johannes Prescher. "Towards a Prediction Engine for Flight Delays based on Weather Analysis". In: *Joint Proceedings of the 1st International Workshop on Modeling Inter-Organizational Processes and 1st International Workshop on Event Modeling and Processing in Business Process Management co-located with Modellierung 2014, Vienna, Austria, March 19, 2014*. Ed. by Anne Baumgräß, Nico Herzberg, Gerti Kappel, Jan Mendling, Andreas Meyer, and Stefanie Rinderle-Ma. Vol. 1185. CEUR Workshop Proceedings. CEUR-WS.org, 2014, pp. 49–51. URL: <http://ceur-ws.org/Vol-1185/paper6.pdf>.
- [110] Cristina Cabanillas, Andreas Curik, Claudio Di Ciccio, Manuel Gutjahr, Jan Mendling, Johannes Prescher, and Jan Simecka. "Combining Event Processing and Support Vector Machines for Automated Flight Diversion Predictions". In: *Joint Proceedings of the 1st International Workshop on Modeling Inter-Organizational Processes and 1st International Workshop on Event Modeling and Processing in Business Process Management co-located with Modellierung 2014, Vienna, Austria, March 19, 2014*. Ed. by Anne Baumgräß, Nico Herzberg, Gerti Kappel, Jan Mendling, Andreas Meyer, and Stefanie Rinderle-Ma. Vol. 1185. CEUR Workshop Proceedings. CEUR-WS.org, 2014, pp. 45–47. URL: <http://ceur-ws.org/Vol-1185/paper5.pdf>.

- [111] Cristina Cabanillas, Claudio Di Ciccio, Jan Mendling, and Anne Baumgrass. "Predictive Task Monitoring for Business Processes". In: *Business Process Management - 12th International Conference, BPM 2014, Haifa, Israel, September 7-11, 2014*. Ed. by Shazia Wasim Sadiq, Pnina Soffer, and Hagen Völzer. Vol. 8659. Lecture Notes in Computer Science. Springer, 2014, pp. 424–432. ISBN: 978-3-319-10171-2. DOI: 10.1007/978-3-319-10172-9_31. ☐ GGS A. ☐ CORE A.
- [112] Claudio Di Ciccio, Fabrizio Maria Maggi, and Jan Mendling. "Discovering Target-Branched Declare Constraints". In: *Business Process Management - 12th International Conference, BPM 2014, Haifa, Israel, September 7-11, 2014*. Ed. by Shazia Wasim Sadiq, Pnina Soffer, and Hagen Völzer. Vol. 8659. Lecture Notes in Computer Science. Springer, 2014, pp. 34–50. ISBN: 978-3-319-10171-2. DOI: 10.1007/978-3-319-10172-9_3. ☐ GGS A. ☐ CORE A.
- [113] Johannes Prescher, Claudio Di Ciccio, and Jan Mendling. "From Declarative Processes to Imperative Models". In: *Proceedings of the 4th International Symposium on Data-driven Process Discovery and Analysis (SIMPDA 2014), Milan, Italy, November 19-21, 2014*. Ed. by Rafael Accorsi, Paolo Ceravolo, and Barbara Russo. Vol. 1293. CEUR Workshop Proceedings. CEUR-WS.org, 2014, pp. 162–173. DOI: 10.13140/2.1.1577.4409.
- [114] Margus Räim, Claudio Di Ciccio, Fabrizio Maria Maggi, Massimo Mecella, and Jan Mendling. "Log-Based Understanding of Business Processes through Temporal Logic Query Checking". In: *On the Move to Meaningful Internet Systems: OTM 2014 Conferences - Confederated International Conferences: CoopIS, and ODBASE 2014, Amantea, Italy, October 27-31, 2014, Proceedings*. Ed. by Robert Meersman, Hervé Panetto, Tharam S. Dillon, Michele Missikoff, Lin Liu, Oscar Pastor, Alfredo Cuzzocrea, and Timos Sellis. Vol. 8841. Lecture Notes in Computer Science. Springer, 2014, pp. 75–92. ISBN: 978-3-662-45562-3. DOI: 10.1007/978-3-662-45563-0_5. ☐ GGS A-. ☐ CORE A.
- [115] Claudio Di Ciccio and Massimo Mecella. "A Two-Step Fast Algorithm for the Automated Discovery of Declarative Workflows". In: *IEEE Symposium on Computational Intelligence and Data Mining, CIDM 2013, Singapore, 16-19 April, 2013*. IEEE, 2013, pp. 135–142. ISBN: 978-1-4673-5895-8. DOI: 10.1109/CIDM.2013.6597228. ☐ CORE C.
- [116] Claudio Di Ciccio and Massimo Mecella. "Studies on the Discovery of Declarative Control Flows from Error-prone Data". In: *Proceedings of the 3rd International Symposium on Data-driven Process Discovery and Analysis, Riva del Garda, Italy, August 30, 2013*. Ed. by Rafael Accorsi, Paolo Ceravolo, and Philippe Cudré-Mauroux. Vol. 1027. CEUR Workshop Proceedings. CEUR-WS.org, 2013, pp. 31–45. URL: <http://ceur-ws.org/Vol-1027/paper3.pdf>.
- [117] Mario Caruso, Claudio Di Ciccio, Ettore Iacomussi, Eirini Kaldeli, Alexander Lazovik, and Massimo Mecella. "Service Ecologies for Home/Building Automation". In: *10th International IFAC Symposium on Robot Control, SyRoCo 2012, Dubrovnik, Croatia, September 5-7, 2012*. Ed. by Ivan Petrovic and Peter Korondi. Vol. 10. Robot Control. IFAC, 2012, pp. 467–472. ISBN: 978-3-902823-11-3. DOI: 10.3182/20120905-3-HR-2030.00191.
- [118] Giuseppe De Giacomo, Claudio Di Ciccio, Paolo Felli, Yuxiao Hu, and Massimo Mecella. "Goal-based Composition of Stateful Services for Smart Homes". In: *On the Move to Meaningful Internet Systems: OTM 2012, Confederated International Conferences: CoopIS, DOA-SVI, and ODBASE 2012, Rome, Italy, September 10-14, 2012. Proceedings, Part I*. Ed. by Robert Meersman, Hervé Panetto, Tharam S. Dillon, Stefanie Rinderle-Ma, Peter Dadam, Xiaofang Zhou, Siani Pearson, Alois Ferscha, Sonia Bergamaschi, and Isabel F. Cruz. Vol. 7565. Lecture Notes in Computer Science. Springer, 2012, pp. 194–211. ISBN: 978-3-642-33605-8. DOI: 10.1007/978-3-642-33606-5_13. ☐ GGS A-. ☐ CORE A.
- [119] Claudio Di Ciccio, Andrea Marrella, and Alessandro Russo. "Knowledge-intensive Processes: An Overview of Contemporary Approaches". In: *1st International Workshop on Knowledge-intensive Business Processes, KiBP 2012, Rome, Italy, June 15, 2012*. Ed. by Arthur H.M. ter Hofstede, Massimo Mecella, Sebastian Sardina, and Andrea Marrella. Vol. 861. CEUR-WS.org, 2012, pp. 33–47. URL: http://ceur-ws.org/Vol-861/KiBP2012_paper_2.pdf.
- [120] Claudio Di Ciccio and Massimo Mecella. "Mining Constraints for Artful Processes". In: *Business Information Systems - 15th International Conference, BIS 2012, Vilnius, Lithuania, May 21-23, 2012. Proceedings*. Ed. by Witold Abramowicz, Dalia Kriksciuniene, and Virgilijus Sakalauskas. Vol. 117. Lecture Notes in Business Information Processing. Springer, 2012, pp. 11–23. ISBN: 978-3-642-30358-6. DOI: 10.1007/978-3-642-30359-3_2. ☐ GGS B-. ☐ CORE B.
- [121] Claudio Di Ciccio, Massimo Mecella, Monica Scannapieco, Diego Zardetto, and Tiziana Catarci. "MailOfMine – Analyzing Mail Messages for Mining Artful Collaborative Processes". In: *Data-Driven Process Discovery and Analysis*. Ed. by Karl Aberer, Ernesto Damiani, and Tharam Dillon. Vol. 116. Lecture Notes in Business Information Processing. Springer, 2012, pp. 55–81. ISBN: 978-3-642-34043-7. DOI: 10.1007/978-3-642-34044-4_4.

- [122] Tiziana Catarci, Claudio Di Ciccio, Vincenzo Forte, Ettore Iacomussi, Massimo Mecella, Giuseppe Santucci, and Giuseppe Tino. "Service Composition and Advanced User Interfaces in the Home of Tomorrow: the SM4All Approach". In: *Ambient Media and Systems - Second International ICST Conference, AMBI-SYS 2011, Porto, Portugal, March 24-25, 2011, Revised Selected Papers*. Ed. by Silvia Gabrielli, Dirk Elias, and Kanav Kahol. Vol. 70. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering. Springer, 2011, pp. 12–19. ISBN: 978-3-642-23901-4. DOI: 10.1007/978-3-642-23902-1_2.
- [123] Claudio Di Ciccio, Tiziana Catarci, and Massimo Mecella. "Representing and Visualizing Mined Artful Processes in MailOfMine". In: *Information Quality in e-Health - 7th Conference of the Workgroup Human-Computer Interaction and Usability Engineering of the Austrian Computer Society, USAB 2011, Graz, Austria, November 25-26, 2011. Proceedings*. Ed. by Andreas Holzinger and Klaus-Martin Simonic. Vol. 7058. Lecture Notes in Computer Science. Springer, 2011, pp. 83–94. ISBN: 978-3-642-25363-8. DOI: 10.1007/978-3-642-25364-5_9.
- [124] Claudio Di Ciccio, Massimo Mecella, Monica Scannapieco, and Diego Zardetto. "Groupware Mail Messages Analysis for Mining Collaborative Processes". In: *Sistemi Evoluti per Basi di Dati - SEBD 2011, Proceedings of the Nineteenth Italian Symposium on Advanced Database Systems, Maratea, Italy, June 26-29, 2011*. Ed. by Giansalvatore Mecca and Sergio Greco. 2011, pp. 397–404.
- [125] Riccardo De Masellis, Claudio Di Ciccio, Massimo Mecella, and Fabio Patrizi. "Smart Home Planning Programs". In: *7th International Conference on Service Systems and Service Management, ICSSSM 2010, Tokyo, Japan, June 28-30, 2010*. Ed. by Jian Chen. IEEE, 2010, pp. 377–382. DOI: 10.1109/ICSSSM.2010.5530212.
- [126] Roberto Baldoni, Claudio Di Ciccio, Massimo Mecella, Fabio Patrizi, Leonardo Querzoni, Giuseppe Santucci, Schahram Dustdar, Fei Li, Hong-Linh Truong, Laura Albornos, Francisco Milagro Lardies, Pablo Antolin Rafael, Rassul Ayani, Katharina Rasch, Marianela Garcia Lozano, Marco Aiello, Alexander Lazovik, Antonio Denaro, Giorgio Lasala, Paolo Pucci, Clemens Holzner, Febo Cincotti, and Fabio Aloise. "An Embedded Middleware Platform for Pervasive and Immersive Environments for-All". In: *6th Annual IEEE Communications Society Conference on Sensor, Mesh and Ad Hoc Communications and Networks, SECON 2009, Rome, Italy, June 22-26, 2009*. Ed. by Mario Gerla, Chiara Petrioli, and Nitin Vaidya. IEEE, 2009, pp. 213–215. ISBN: 978-1-4244-2907-3. DOI: 10.1109/SAHCNW.2009.5172921.  

Edited Volumes

- [127] João Paulo A. Almeida, Claudio Di Ciccio, and Christos Kalloniatis, eds. *Advanced Information Systems Engineering Workshops - CAiSE 2024 International Workshops, Limassol, Cyprus, June 3-7, 2024, Proceedings*. Vol. 521. Lecture Notes in Business Information Processing. Springer, 2024. ISBN: 978-3-031-61002-8. DOI: 10.1007/978-3-031-61003-5.
- [128] Claudio Di Ciccio, Walid Fdhila, Simone Agostinelli, Daniel Amyot, Henrik Leopold, Michal Krcál, Monika Malinova Mandelburger, Gregor Polancic, Katarina Tomicic-Pupek, Katarzyna Gdowska, Thomas Grisold, Piotr Sliz, Iris Beerepoot, Renata Gabryelczyk, and Ralf Plattfaut, eds. *Business Process Management: Blockchain, Robotic Process Automation, Central and Eastern European, Educators and Industry Forum - BPM 2024 Blockchain, RPA, CEE, Educators and Industry Forum, Krakow, Poland, September 1-6, 2024, Proceedings*. Vol. 527. Lecture Notes in Business Information Processing. Springer, Sept. 2024. ISBN: 978-3-031-70444-4. DOI: 10.1007/978-3-031-70445-1.
- [129] Claudio Di Ciccio, Remco Dijkman, Adela del Río Ortega, and Stefanie Rinderle-Ma, eds. *Business Process Management Forum, BPM 2022 Forum, Münster, Germany, September 11-16, 2022, Proceedings*. Lecture Notes in Business Information Processing. Springer, Sept. 2022. ISBN: 978-3-031-16171-1. DOI: 10.1007/978-3-031-16171-1.
- [130] Claudio Di Ciccio, Remco Dijkman, Adela del Río Ortega, and Stefanie Rinderle-Ma, eds. *Business Process Management, 20th International Conference, BPM 2022, Münster, Germany, September 11-16, 2022, Proceedings*. Lecture Notes in Computer Science. Springer, Sept. 2022. ISBN: 978-3-031-16103-2. DOI: 10.1007/978-3-031-16103-2.
- [131] Iris Beerepoot, Claudio Di Ciccio, Andrea Marrella, Hajo A. Reijers, Stefanie Rinderle-Ma, and Barbara Weber, eds. *Proceedings of the International Workshop on BPM Problems to Solve Before We Die (PROBLEMS 2021) co-located with the 19th International Conference on Business Process Management (BPM 2021), Rome, Italy, September 6-10, 2021*. Vol. 2938. CEUR Workshop Proceedings. CEUR-WS.org, Sept. 2021.
- [132] Claudio Di Ciccio, Chiara Di Francescomarino, and Pnina Soffer, eds. *3rd International Conference on Process Mining, ICPM 2021, Eindhoven, Netherlands, October 31 - Nov. 4, 2021*. IEEE, Oct. 2021. ISBN: 978-1-6654-3514-7. DOI: 10.1109/ICPM53251.2021.

-
- [133] Claudio Di Ciccio, Benoît Depaire, Jochen De Weerdt, Chiara Di Francescomarino, and Jorge Munoz-Gama, eds. *Proceedings of the ICPM Doctoral Consortium and Tool Demonstration Track 2020 co-located with the 2nd International Conference on Process Mining (ICPM 2020), Padua, Italy, October 4-9, 2020*. Vol. 2703. CEUR Workshop Proceedings. CEUR-WS.org, Oct. 2020. URL: <http://ceur-ws.org/Vol-2703/>.
 - [134] Wil M.P. van der Aalst, Jan vom Brocke, Marco Comuzzi, Claudio Di Ciccio, Félix García, Akhil Kumar, Jan Mendling, Brian T. Pentland, Luise Pufahl, Manfred Reichert, and Mathias Weske, eds. *Proceedings of the Best Dissertation Award, Doctoral Consortium, and Demonstration & Resources Track at BPM 2020 co-located with the 18th International Conference on Business Process Management (BPM 2020), Sevilla, Spain, September 13-18, 2020*. Vol. 2673. CEUR Workshop Proceedings. CEUR-WS.org, Sept. 2020. URL: <http://ceur-ws.org/Vol-2673/>.
 - [135] Claudio Di Ciccio, Renata Gabryelczyk, Luciano García-Bañuelos, Tomislav Hernaus, Rick Hull, Mojca Indihar Štemberger, Andrea Kő, and Mark Staples, eds. *Business Process Management: Blockchain and Central and Eastern Europe Forum - BPM 2019 Blockchain and CEE Forum, Vienna, Austria, September 1-6, 2019, Proceedings*. Vol. 361. Lecture Notes in Business Information Processing. Springer, Sept. 2019. ISBN: 978-3-030-30428-7. DOI: 10.1007/978-3-030-30429-4.