BPM NEWSLETTER

EDITORIAL

The excitement is growing. There is still the chance to revise your submissions for BPM 2024 in Krakow, and we all look forward to an excellent conference in September.

Even if you have not made it for the call for papers of the main conference, there are various opportunities still coming up with call for papers of the:

- Workshops
- Industry Forum
- Blockchain Forum
- RPA Forum

- CEE Forum
- Educators Forum
- Tutorials
- Demos and Resources
- Doctoral Consortium
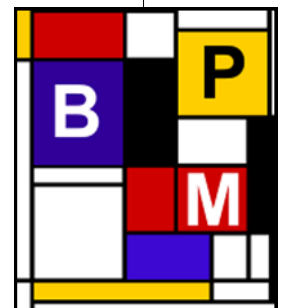- Journal First
- BPM Dissertation Award

All of this is summarized on

bpm2024.agh.edu.pl/calls-and-dates/

In this newsletter, we have more information about the conference and its keynotes to increase your appetite. We will also get to know the Krakow team who is organizing the conference. Plus many news of the BPM community. In particular, we share some recent updates of BPM researchers who moved. Furthermore, we report on recent BPM research events and upcoming calls for events, conference tracks, and journal special issues.

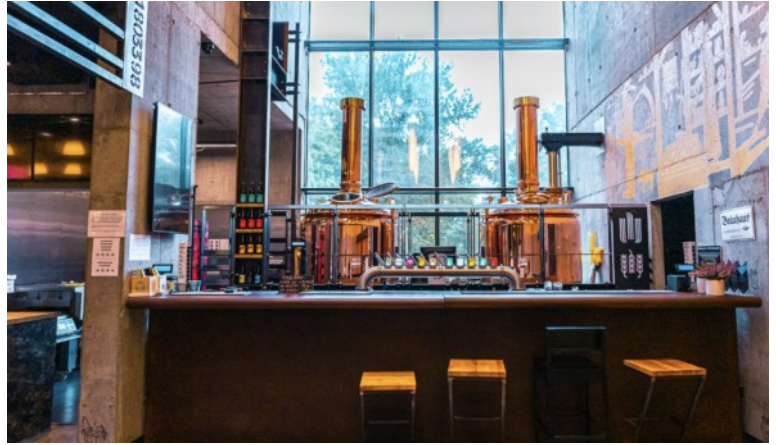Enjoying reading the newsletter and see you in Krakow!

Jan

1st BPM 2003 Eindhoven

2nd BPM 2004 Potsdam

3rd BPM 2005 Nancy

4th BPM 2006 Vienna

5th BPM 2007 Brisbane

6th BPM 2008 Milan

7th BPM 2009 Ulm

8th BPM 2010 Hoboken

9th BPM 2011 Clermont-Ferrand

10th BPM 2012 Tallinn

11th BPM 2013 Beijing

12th BPM 2014 Haifa/Eindhoven

13th BPM 2015 Innsbruck

14th BPM 2016 Rio de Janeiro

15th BPM 2017 Barcelona

16th BPM 2018 Sydney

17th BPM 2019 Vienna

18th BPM 2020 Seville

19th BPM 2021 Rome

20th BPM 2022 Münster

21st BPM 2023 Utrecht

22nd BPM 2024 Krakow

WELCOME TO BPM 2024 IN KRAKOW

Only 5 months left until the BPM 2024 Conference, held this year in the magical and royal city of Krakow in Poland. The BPM@AGH team warmly invites you to prepare breakthrough papers and submit them to the conference's events. We remind you about a whole range of presentation possibilities during the Main Conference tracks, BPM Forums (RPA, Industry or Educators) and many interesting workshops (among them established ones — FM-BPM, AI4BPM, BPO, BPI, BP-Meet-IoT, BPMS2, DEC2H, OBJECTS, ProDy — as well as new Workshop on Managing Process Innovation and Value Creation in the Era of Digital Transformation). All calls are already published at bpm2024.agh.edu.pl. We also organize a co-located event known as 5th BPM Symposium to integrate the Polish BPM community, where presentations on ongoing research at universities and in industry are welcomed.

Conference presentations are not the only attractions awaiting participants. We would like to show you various perspectives of Krakow as a university city and historical center of Poland. Firstly, we would like to invite you to social events held at the university campus — the heart of our university — Main Hall of AGH (built in 1921-1935) as well as AGH University Brewery. Secondly, as AGH is the oldest mining academy in Poland, we would like to take you underground to Wieliczka Salt Mine (UNESCO World Heritage) for a conference gala dinner with visiting tour. It's worth noting that while AGH has its roots in mining, our academic offerings have greatly expanded over the years. Today, the focus shifts towards ad-vanced technologies and digital domains, with 'mining' now often referring to data and process mining, reflecting the modern digital era.

We hope that your visit to Poland and Krakow, particularly if it's your first time, will be a memorable experience. There are many stunning places to see nearby – for instance, the Tatra Mountains are just 100 km from Krakow.

We are looking forward to have you as our guests in Krakow!

| Edyta Brzychczy | Krzysztof Kluza | Katarzyna Gdowska | Anna Smyk | Aneta Napieraj | Marta Podobińska-Staniec |

MEET THE BPM@AGH TEAM

BPM@AGH is the interdepartmental research group that carries out scientific research in Business Process Management (BPM) at AGH University of Krakow, Poland. The members of the group are affiliated with the five faculties: Faculty of Mechanical Engineering and Robotics, Faculty of Electrical Engineering, Automatics, Computer Science and Biomedical Engineering, Faculty of Management, Faculty of Civil Engineering and Resource Management and Faculty of Metals Engineering and Industrial Computer Science.

Members of BPM@AGH originate from three research groups:

- Knowledge Representation and Knowledge Engineering (http://kraken.agh.edu.pl/) led by prof. Antoni Ligęza from Department of Computer Science. The KRaKEn group gathers people conducting research in modern AI, covering mathematical foundations, knowledge representation and engineering, tools like Fuzzy Logic and Prolog, and applications in areas like Knowledge Graphs, Business Modeling, and eXplainable AI.

- Data and Process Mining (http://dpmg.agh.edu.pl) led by prof. Edyta Brzychczy from the Department of Robotics and Mechatronics. The DPMG group focuses on Data Mining and Process Mining as well as Knowledge-based Optimisation of business processes in various branches of industry, especially in the mining.

- Process Management Optimization (http://opz.agh.edu.pl), led by prof. Piotr Łebkowski, from the Department of Strategic Management. The PMO group gathers people conducting research in the field of Data Science from the perspective of Operations Research and Statistical Process Control.

BPM@AGH initiated the BPM Symposium series (https://bpm2024.agh.edu.pl/sympozjum-bpm/), which integrates researchers, educators, practitioners, and enthusiasts from Poland interested in Business Process Management. Its goal is to further BPM as a discipline through both theoretical and practical research. The symposium offers a platform for sharing experiences and information on significant BPM events, both in Poland and internationally.

The first BPM Symposium took place in Krakow in 2022, featuring a guest lecture by Prof. Wil van der Aalst and a presentation of the book "Fundamentals of Business Process Management" by Jan Mendling. This year, the 4th Polish BPM Symposium will be held in Katowice at the University of Economics, and the 5th will be co-located with the BPM conference in Krakow.

KEYNOTES OF BPM 2024

In the tradition of our conference series, BPM 2024 features **three outstanding keynotes** with different perspectives on business process management.

Alexander Serebrenik is a full professor of social software engineering at the Eindhoven University of Technology, The Netherlands. His research goal is to facilitate evolution of software by taking into account social aspects of software development. His work tends to involve theories and methods both from within computer science (e.g., theory of socio-technical coordination; methods from natural language processing, machine learning) and from outside of computer science (e.g., organisational psychology). The underlying idea of his work is that of empiricism, i.e., that addressing software engineering challenges should be grounded in observation and experimentation and requires a combination of the social and the technical perspectives. Alexander has co-edited two books "Evolving Software Systems" (Springer Verlag, 2014) and "Equity, Diversity, and Inclusion in Software Engineering: Best Practices and Insights" (APress, 2024) and more than 250 scientific papers, book chapters and articles. He is actively involved in organisation of scientific conferences and is member of the editorial board of several journals, as well as active in supporting more diverse and inclusive scientific communities in the Netherlands and worldwide. He has won multiple best paper and distinguished reviewer awards. Alexander is a senior member of IEEE and a member of ACM.

Flavia Santoro is the Academic Dean of the Institute of Technology and Leadership (Inteli), and she is a professor at the University of the State of Rio de Janeiro. She earned her Ph.D. in Systems and Computer Engineering from the Federal University of Rio de Janeiro (UFRJ), alongside a Bachelor's degree in Electronic Engineering from the UFRJ's Polytechnic School, and a Master's degree in Contemporary Philosophy from the Pontifical Catholic University of Rio de Janeiro. Since 2009, she has been a recipient of the prestigious National Council of Technological and Scientific Development (CNPq) Fellowship. Her academic journey also includes sabbaticals at the Université Pierre et Marie Curie - Paris VI, France, during 2004-2005, and at Queensland University of Technology, Australia, from 2012 to 2013. With over two decades of experience as an educator and researcher in the field of Information Systems, Santoro's work primarily focuses on Business Process Management, Knowledge-intensive Processes, Knowledge Management, and Computer Supported Cooperative Work and Learning. Beyond academia, she has lent her expertise as a consultant on numerous projects related to BPM and software development for various companies.

Flavia in her keynote presentation will focus on "Ethics in BPM".

Tomasz Głowacki holds a PhD in Computer Science from Poznan University of Technology and has completed an Executive Education program at the Haas School of Business, UC Berkeley. He has published in prestigious journals such as Nature, Science, and Empirical Software Engineering. With 17 years of industry experience, Tomasz has worked in consulting role at Accenture, Procter & Gamble, BAE Systems Applied Intelligence, and Egnyte, showcasing his expertise in artificial intelligence, software engineering, and DevOps.

Currently, he is the Head of Data Science at Żabka Group, Poland's leading convenience store chain, where he oversees AI, ML, and data science initiatives. Additionally, Tomasz serves as an assistant professor at WSB Merito University in Poznan, further bridging the gap between academic research and practical application in the field of data science.

In his keynote he will focus on "Next Generation of AI-driven Retail Processes".

INTERVIEW WITH ALEXANDER SEREBRENIK

Stefanie Rinderle-Ma met with our keynote **Alexander Serebrenik** for this interview on 19.2.2024.

SRM: You are a full professor of social software engineering. Can you please explain your research area?–

AS: In general, social software engineering covers software in society and software as society. The former means to help (non-)governmental organizations, i.e., everyone who is not a company or enterprise. Software as society is also known as collaborative and human aspects of software development focusing on workplace experiences of developers. We study individual experiences, experiences in teams and broader in the entire „software world". For example, we have studied codes of conduct in open-source projects. Indeed, software development is a human activity and not everyone is playing nicely.

SRM: What are you currently most excited about in your research and in the general development of the field?

AS: Software engineers like playing with tools, and the hottest toy of the last season are Large Language Models (LLM), i.e., ChatGPT and friends. From the perspective of social software engineering what does the advent of LLM mean for careers and jobs of software developers? The best LLMs are proprietary, only some are open source. What happens tomorrow when the companies behind these LLMs start charging money? What happens to countries that cannot afford this kind of fees? So I try to understand the impact of technology on human beings and

the impact of human beings on technologies. One example is GitHub Copilot, where you can learn to write programs with the support of LLMs. We looked at the correctness of the results based on test cases. It turned out that it yields worse result when the task is given in Chinese. Hence, it is not only about access, but success also depends on the language. Another example is Gender-Mag (Margaret M. Burnett and Anita Sarma from U Oregon) which identifies bugs that might impede people of specific genders. If you think about reading a lengthy test and answering questions, there are two popular strategies, i.e., either reading the text completely and then answering the questions or first reading the questions and then just getting the highlights in the text. The first strategy wins on correctness and the second one wins on efficiency. Everyone is somewhere on the axis between these strategies. When it comes to gender-related differences, statistically, the comprehensive strategy is prevalent among women and the heuristic one among men. Thus, extremely lengthy answers provided by a LLM will disadvantage people with comprehensive understanding, i.e., more likely women. So we see that this is not only about the interface, but also about input and output of LLMs which touch upon several aspects of diversity, e.g., gender and age.

SRM: What role does age play when it comes to software engineers and academics?

AS: Age comes with decline in various memory-related abilities that most individuals tend to compensate through experience. Software engineers are special. For them experience is often seen as technological luggage, rather than a benefit. They are perceived more rigid, knowing things that no one needs. Older software engineers, in turn, feel that they are solving the same problem again and again where the fundamental problem stays the same

and only new solutions are applied. This is frustrating. And „older software engineer" means 40+ as shown by a study conducted on US based sources. Cultural expectations might play a role here, but it propagates and these stereotypes are not limited to Zuckerberg who says that younger people are smarter. As a consequence, this leads to older developers performing plastic surgery, taking medication, and lying about their age. Age has to be hidden. This is problematic. In one of our follow up studies, we found, that for veteran women in software engineering, gender and age add up. Age and gender seem tob e perceived as deviating from the image of the ideal software developer. To counteract this, several years ago, in a Twitter campaign, women tried to dismantle the ideal view of an engineer as a man. This idea is ridiculous if we think about how many women have an engineering degree but is notoriously persistent. There is the same idea of an ideal consultant. If you are too young, you are not serious. If you are too old, you are too rigid.

In academia, age is based on completing PhD. In addition, rules for compensating childcare were introduced. This is good, but childcare is only one kind of caregiving and there might be other reasons such as changing work places or research topics, or also interdisciplinary disadvantages that add up to your academic age and lead away from the idea of an ideal researcher in a way similar to software developers.

SRM: Which advise do you have for younger people and their career development?

INTERVIEW WITH ALEXANDER SEREBRENIK
(CONTINUED)

AS: When it comes to software enginee-ring, we typically ask people who survi-ved: What has helped you? I am aware that the solutions we are talking about are band-aid solutions to systemic prob-lems but at the same time you simply do not have the luxury to wait, you need to survive today. Based on experiences of veteran women it is advisable to youn-ger women to establish networks, find their own voice outside their immediate employment, join the open source com-munity and work on larger projects.

For an academic person, it seems to be that different countries and institutions have very different expectations. Toge-ther with Marieke Huisman, a colleague from U Twente we have interviewed women academics in CS of all Dutch universities on career advancements. The differences between the institutions are incredible. Some universities have clear expectations, other universities stay more vague. The advise here: cla-rify expectations and what happens if you do not meet them.

I made one of the most interesting ex-periences as a more junior person at a conference where each person was encouraged to guess the question ba-sed on the answers „yes" or „no" and the answers were predominantly „yes". The actual question was: did you experi-ence the imposter syndrom? Think about all of these people feeling ina-dequate, like fraud and struggling conti-nuously. For example, I am trained as mathematician and computer scientist. How do I dare talking about gender and inclusion in software engineering without being a sociologist? But noone is talking about this, so I have to start. I want to empower younger people that their struggles are the ones senior pe-ople have had and still have.

SRM: Maybe it is also due to the constant assessment we as academics are facing?

AS: We are not the only ones subject to constant assessment. However, outside of the academia assessment is not al-ways anonymous as it is in our case. Anonymity might make destructive criti-cism more likely. Secondly, we are ext-remly invested in our artefacts. When you work is being criticized, it feels very personal, because you prepare this pa-per for a year or more and then it is rejected. In the software engineering community, some options emerge that support you along the way, e.g., regis-tered reports. You submit a study design for publication without having execut-ed the study. The design is evaluated based on novelty, rigour, etc. If the eva-luation of the study design is positive, you are guaranteed a publication. This helps you to get early feedback before conducting the study. When I am, for example, interviewing people this can be very expensive. Bringing another 50 people to the lab can be prohibitive. Hence, getting early feedback is crucial. And, of course, registered reports are also a useful instrument to avoid in-famous positive bias.

SRM: Thank you very much for this inter-view!

CALL FOR PAPERS

Share your BPM Research!

Are you proud of your BPM research and excited about the idea to share your findings with the global BPM community? Do you seek an assessment of your work by the world's leading BPM experts? If so, you should submit your paper to the upcoming 22nd International Conference on BPM in Krakow, Poland. Organized in three tracks, BPM 2024 will surface the most pressing BPM challenges and explore the foundations for the future of BPM. Before submitting your paper, make sure you are aware of the focus of each of the three tracks.

If you have a new BPM concept that has a formal, mathematical, conceptual, or philosophical nature, the Foundations Track (I) is the right one for you.
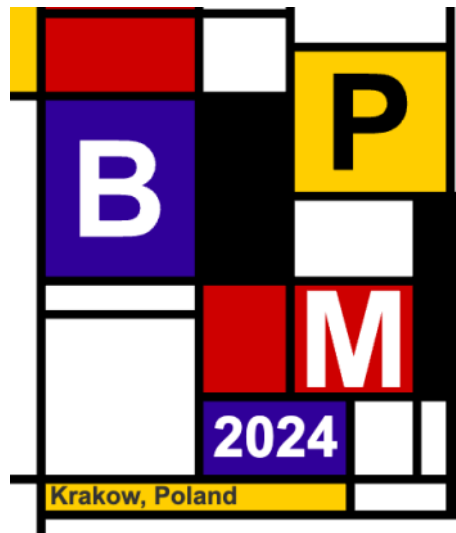
If your research focuses on artifacts or systems that aim to solve concrete problems in organizations, then the Engineering Track (II) is the right channel to submit it.

If your work improves the way organizations manage and govern their processes, or addresses process metrics, adoption or cultural challenges, the Management Track (III) is the home for your submission.

Additionally, make sure to look beyond the three main tracks as there are many specialized forums where you can present your work. You can always ask the track chairs if you have any questions or want to discuss the fit of your paper.

In more detail, Track I revolves around the underlying principles of BPM, including computational theories, formal methods, novel problems and languages, architectures, conceptual frameworks, taxonomies, techniques, and algorithms for modeling, automating, and analyzing business processes. Empirical evaluation is not required, whereas technical quality and groundbreaking nature matter highly.

Track II deals with engineering aspects of BPM research. It covers, among others, tools and techniques for process modeling, the enactment of process models (including the interaction with software infrastructure) as well as process monitoring and analytics (including

process mining). All papers in this track should include rigorous and repeatable empirical evaluations that demonstrate the merits of the artifact introduced.

Track III invites papers that focus on the socio-technical, cognitive, or organizational aspects of BPM techniques/tools/methods as well as managerial and governance aspects of BPM. It aims to advance our understanding of how BPM concepts, models, methods as well as the underlying information systems can be situated in and be used to transform organizations to deliver new business value.

The submission deadline was extended to March 8, 2024, but updates are still possible!

Please consider our published principles for open science and diversity, equity, and inclusion when you submit! Papers with artifacts publicly available will be awarded a badge. And if you are a regular contributor – note that this year all papers will be reviewed with a double-blinded process.

We are very much looking forward to seeing you in Krakow,

Andrea,

Manuel,

Mieke, and

Michael

(BPM 2024 program chairs)

General Chairs

Edyta Brzychczy & Krystof Kluza

(AGH University of Krakow)

Main Conference PC Chairs

Track I (Foundations):

Andrea Marrella

(Sapienza University of Rome)

Track II (Engineering):

Manuel Resinas

(University of Seville)

Track III (Management):

Mieke Jans

(Hasselt University)

Consolidation Chair

Michael Rosemann

(Queensland University of Technology)

Publicity Chairs

Marco Comuzzi

(Ulsan National Institute of Technology)

Arik Senderovich

(York University)

Sarah Winkler

(Free University Bolzano)

Proceedings Chair

Simone Agostinelli

(Sapienza University of Rome)

Workshop Chairs

Katarzyna Gdowska

(AGH University of Krakow)

Maria Teresa Gómez López

(University of Seville)

Jana-Rebecca Rehse

(University of Mannheim)

Doctoral Consortium Chairs

Han van der Aa

(University of Vienna)

Benoît Depaire

(Hasselt University)

Marta Indulska

(University of Queensland)

BPM 2024 WORKSHOPS: ROOM FOR INTERACTIONS

The BPM conference has a long tradition of accompanying workshops, which cover specific research topics across the full spectrum of BPM. These workshops offer a unique opportunity for researchers to share novel ideas and present promising preliminary results. They also offer plenty of room for in-depth discussions and reflection. Every workshop is dedicated to a specific topic, so they attract an audience of experts to provide detailed feedback and engage in discussions beyond a given paper. This makes the BPM workshops a perfect place to engage with the community and present your research in a relaxed, but specialized environment.

When curating the set of workshops for BPM 2024 in Krakow, we wanted to build on the strong tradition of BPM workshops, while also making sure that the workshop offering truly reflected the full breadth of BPM research. In the end, we received 14 strong workshop proposals, of which we accepted the following eleven:

2nd Workshop on Formal Methods for Business Process Management

(FM-BPM)

8th Workshop in Artificial Intelligence for Business Process Management

(AI4BPM)

3rd Workshop on Data-Driven Business Process Optimization (BPO)

20th Workshop on Business Process Intelligence (BPI)

8th Workshop on Business Processes Meet the Internet-of-Things

(BP-Meet-IoT)

17th Workshop on Social and Human Aspects of Business Process Management (BPMS2)

12th Workshop on DEClarative, DECision and Hybrid Approaches to Processes (DEC2H)

3rd Workshop on Natural Language Processing for Business Process Management (NLP4BPM)

2nd Workshop on Change, Drift, and Dynamics of Organizational Processes

(ProDy)

Workshop on Managing Process Innovation and Value Creation in the Era of Digital Transformation

(Innov8BPM4Value)

2nd Workshop on Object-centric processes from A to Z (OBJECTS)

Of these workshops, ten were already featured at last year's conference in Utrecht, which speaks to their continued relevance for the community. We also added one new workshop to the program, which focuses on managing process innovations and value creation.

Last year, the workshops also made good experiences with interactive elements, such as panels or plenary discussions, which increased the level of interaction even more. Because these elements were so well-received, we are happy that we can continue them this year: Again, each workshop will feature one interactive element. We are looking forward to what the organizers have in store for their audience!

We're looking forward to receiving your workshop contributions! The submission deadline is June 7, 2024. More info at https://bpm2024.agh.edu.pl/workshops/.

Katarzyna Gdowska, Maria Teresa Gómez López, Jana-Rebecca Rehse (BPM 2024 Workshop Chairs)

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Jan vom Brocke has joined the University of Münster and is now a visiting Professor at the University of Liechtenstein. Jan has been appointed the successor to Jörg Becker and the new Director of ERCIS – The European Research Center for Information Systems. Münster has a long tradition in the field of BPM and was the host of the BPM Conference 2022. Interestingly, Jan now establishes the first Chair of Business Process Management at the University of Münster.

Agnes Koschmider is a professor of business informatics at the University of Bayreuth since September 2022. From 2019 to 2022 Agnes Koschmider was a professor of business informatics at the Computer Science Institute of the Kiel University. The focus of her research is process analytics: developing a pipeline to efficiently process unstructured data for process mining. The application of such a data pipelines give new insights in diverse disciplines.

Luise Pufahl transitioned from the Technical University Berlin to the Technical University of Munich as a tenure-track professor leading the Information Systems group, located on the TUM Campus Heilbronn. With her group, Luise researches topics on business process management, explores the automation and simulation of resource- and knowledge-intensive processes, and creates data-driven approaches for analyzing regulatory compliance and sustainability of business processes.

On February 1, **Han van der Aa** joined the Faculty of Computer Science of the University of Vienna as a Professor in Process-Oriented Information Systems, taking up the position held by Stefanie Rinderle-Ma in the past. Before that, he was a junior professor at the University of Mannheim. In the BPM community, he is currently a co-organizer of the BPMDS working conference, the HICSS mini-track on Business Process Technology, the NLP4BPM workshop, and the doctoral consortiums of BPM and ICPM.

Thomas Grisold joined the University of St. Gallen's School of Management as of August 1, 2023. Within his position as a tenure track Assistant Professor for Business Process Management and Organization Design, Thomas does research around the transparency that is created through new digital technologies, such as process mining. More specifically, Thomas studies the implications that arise when workers in organizations leave digital traces and make their process performances visible to others. Furthermore, Thomas teaches BPM courses in the Bachelor and Master programs, placing special emphasis on the managerial and organizational sides of BPM.

In April 2023 **Karolin Winter** joined the Information Systems group at the Department of Industrial Engineering and Innovation Sciences at Eindhoven University of Technology as Assistant Professor. Her main research interests are located in the area of business process

COMMUNITY UPDATES

management with a particular focus on applying, enhancing and developing process and data mining as well as natural language processing techniques.

Since February 2023, **Andrey Rivkin** is a tenure-track Assistant Professor at the Department of Applied Mathematics and Computer Science of the Technical University of Denmark. He is a member of the section for Software Systems Engineering where he conducts research at the intersection of BPM, Process Mining, formal methods and foundational ("classical") AI. Previously, Andrey was a postdoctoral researcher at the Free University of Bozen-Bolzano (Italy), where he also obtained his PhD in 2019.

After four years spent in St. Gallen, **Francesca Zerbato** will join the Process Analytics group at the Technical University of Eindhoven as an assistant professor next spring. She will continue her research on the user aspects of process mining and expand it towards developing user-centred methods and techniques tailored to support process analysts in their work.

Alessandro Gianola is tenure-track Assistant Professor in Information Systems at Instituto Superior Técnico, Universidade de Lisboa (Portugal), and Senior Researcher in Automated Reasoning at

INESC-ID, where he is combining BPM and AI expertise for complex process analysis. He is single author of a Springer monograph and co-authored 44 papers, e.g., in journals like Information Systems and Engineering Applications of Artificial Intelligence, and premier conferences like BPM, AAAI, IJCAI, and IJCAR. His PhD dissertation won three awards, including the 2022 Best BPM Dissertation Award and 2023 CADE Bill McCune PhD Award in Automated Reasoning, witnessing the combined approach he is bringing to Técnico Lisboa.'

After six marvellous years with WU Vienna (Austria) and four subsequent exciting years at the Department of Computer Science of the illustrious Sapienza University of Rome (Italy), **Claudio Di Ciccio** is delighted to announce that on 2023, December 1st he has joined the stellar Process Science group of Utrecht University (Netherlands), a team full of talent and outstanding expertise in process mining and management headed by Hajo Reijers. We have thus made the Process in Chains squad with Luca Barbaro, Davide Basile, Valerio Goretti, Saba Latif and Edoardo Marangone (PhD students in Sapienza) extend across Eu-

rope! Claudio is excited by this new adventure, and looks forward to the new experiences and collaborations it will bring!

Since October 2022, **Ingo Weber** moved as Full Professor to the Computer Science Department at Technical University of Munich, Germany. Simultaneously, Ingo started as Director of Digital Transformation and ICT Infrastructure at the Fraunhofer-Gesellschaft. In his research, Ingo continues work in BPM and process mining, often in relation to blockchain and AI.

In January 2024, **Chiara Ghidini** has started her appointment as Full Professor in Computer Science in the Faculty of Engineering of the Free University of Bozen-Bolzano (unibz), Italy. She brings her excellent, unique profile at the intersection of semantic web, knowledge engineering and representation, machine learning and process mining, together with a focus in key application areas such as, most prominently,

COMMUNITY REPORTS

ERCIS Winter School on Advanced BPM

From January 15th to 19th, 2024, a cohort of 24 undergraduate students representing five European Universities convened at the University of Liechtenstein for the "ERCIS Winter School on Advanced BPM Topics" (www.ercis.org/bpmws), meticulously orchestrated by the distinguished European Research Center for Information Systems (ERCIS), under the guidance of Janine Hacker (University of Liechtenstein) and Armin Stein (University of Münster). This marked the 12th rendition of the event, exemplifying its enduring relevance and excellence. Throughout this intensive week-long program, students were immersed in a dynamic array of lectures delivered by esteemed members our community, encompassing vital subjects such as Process Science (Jan vom Brocke), BPM Workarounds (Daniel Beverungen, Christian Bartelheimer), Process Performance (Adela del Río-Ortega, Manuel Resinas), Hyperautomation (Hajo Reijers), Business Process Redesign (Thomas Grisold), Business Rules and Intelligent Delegation (Christian Janiesch), and Sustainable and Reasonable Process Automation (Martin Matzner, Weixin Wang). Generously supported by the European Union's "Blended Intensive Programme (BIP)" scheme, the curriculum also featured three supplementary virtual sessions preceding the on-site gathering. Beyond the academic realm, participants benefited from a stimulating company visit to Hilti, along with engaging social activities including the exhilarating tradition of sledging. This multifaceted experience not only enriched their academic pursuits but also fostered invaluable connections and insights into the real-world applications of BPM.

New BPM Department Editor at BISE

Business & Information Systems Engineering (BISE) continues to be one of the premier journals that publish BPM research. In October 2023, Daniel Beverungen (Paderborn University) succeeded Jan Mendling (HU Berlin) as a new department editor. Hajo Reijers (Univesity of Utrecht) has remained in office. As new Associate Editors, we welcomed Estefania Serral Asensio (KU Leuven) and Bastian Wurm (LMU Munich). We look forward to receiving your excellent submissions!

The **BPMDS** (Business Process Modeling, Development, and Support) working conference will have its 25th edition this year! BPMDS is a two-day event, co-located with the CAiSE conference, taking place on June 3-4 in Limassol, Cyprus. Organized by Rainer Schmidt and Han van der Aa, the working conference welcomes contributions on a broad range of BPM topics, including established directions, as well as new paradigms, methodologies, and applications, with submission types ranging from idea paper to completed research. Check out www.bpmds.org!

IS Special Issue on PM + Visual Analytics

Process mining (PM) is a body of techniques blending data science concepts with BPM. It utilizes event data recorded by IT systems that support process execution for automated discovery, conformance checking, process enhancement, run-time monitoring and operational support. Visual Analytics (VA) is a multidisciplinary approach, integrating aspects of data mining and knowledge discovery, information visualization, human-computer interaction, and cognitive science, with the aim to make complex phenomena more comprehensible, facilitate new insights, and enable knowledge discovery from data. VA and PM exhibit complementary traits that would greatly and mutually benefit from joining forces! This special issue aims to contribute to the cross-fertilization of VA and PM, and welcomes works centred around methods and techniques stemming from, and contributing to, these disciplines. The portal is already open for submissions as we write and welcomes your manuscript till 2024, June 5th . For more info, visit https://www.sciencedirect.com/journal/information-systems/about/call-for-papers#process-mining-meets-visual-analytics

The **ICIS 2024 conference**, to be held in Bangkok, will include a BPM track, now in its second iteration. The track, titled "Organizing Business Processes in the Digital Age," seeks to delve into the concept of business processes within the digital era, focusing on the application of digital technologies and systems in shaping and managing them. Track chairs are Hillol Bala, Cheng Suang Heng, and Martin Matzner. The submission system is open, deadline is May 1st.

COMMUNITY REPORTS

On January 6th, Niels Martin, Luise Pufahl and Mathias Weske organized the third edition of the **Process Mining in Healthcare Minitrack at HICSS-57** in Honolulu, Hawaii. The minitrack aims to provide a forum for researchers and practitioners to discuss novel ideas in the area of process mining in healthcare. For this edition of the minitrack, three papers were accepted after a thorough peer review process, covering three distinct topics in the process mining research spectrum: the detection of workarounds in healthcare processes, the integration of contextual information embedded in care records during process mining and the degree to which electronic health records data reflects how work actually gets done in healthcare processes.

The International Conference on **Wirtschaftsinformatik** is the most important conference on business informatics research in the German-speaking world. This year, Jana Rehse, Christian Bartelheimer, and Ralf Plattfaut organize a Process Science track at the conference. The track welcomes original research related to all BPM topics, e.g., on sustainable processes, process innovation, process automation, or process mining. Papers can be submitted both in English and German. You can find more information here: https://wi2024.de/wissenschaftliches-programm/process-science/.

Stefanie Rinderle-Ma, Jürgen Mangler, and Daniel Ritter have written a book on the **Fundamentals of Information Systems Interoperability**: Data, Services, and Processes. The book will be available by April 2024, published by Springer, see https://link.springer.com/book/9783031483219.

The **Dagstuhl Seminar "Human in the (Process) Mines"** brought together researchers from Visual Analytics (VA) and Process Mining (PM) fields to foster collaboration and advance both disciplines. Organized by Claudio Di Ciccio, Silvia Miksch, Pnina Soffer, and Barbara Weber, it aimed to enrich future approaches and research efforts. An immediate outcome is a special issue on
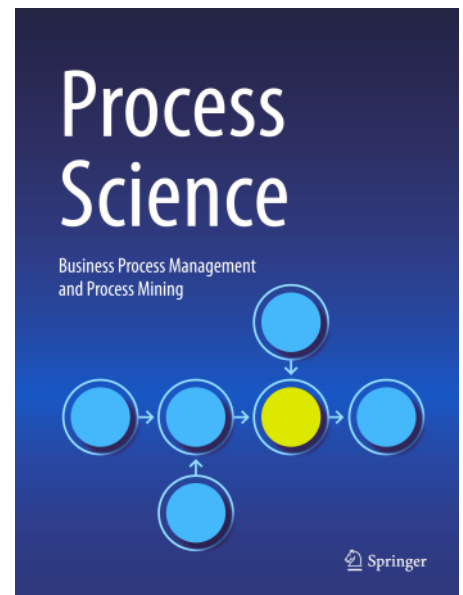
"Process mining meets visual analytics," welcoming contributions at the intersection of PM and VA. This special issue provides a valuable opportunity for research stemming from the seminar and additional papers addressing topics at the intersection of PM and VA. More info here: https://www.dagstuhl.de/en/seminars/seminar-calendar/seminar-details/23271.

The expectation is that, for the fifth time in a row, the Hawaii International Conference on System Sciences (HICSS) will sport a **mini-track on Business Process Technology**. As in the last years, Henrik Leopold, Han van der Aa, Carl Corea, and Hajo Reijers have submitted a proposal to organize this mini-track to showcase innovative approaches, techniques, methodologies, and models to design, adopt, implement, operate, evaluate, and govern the data-driven analysis of business processes. Keep an eye out for more information on the mini-track, which is expected to take place in the first week of January 2025.

Watch out for the call for Papers of a **BISE Special Issue on Exploring the (Mis) Match Between Real-World Processes and Event Data**. Dive into the heart of process mining with our upcoming special issue! We're seeking original contributions exploring the factors that influence the event data used in process mining, the impact that quality issues have on analysis results, and solutions to mitigate the impact of such issues. Whether you're delving into investigative insights or proposing innovative solutions, we invite your submissions by July 1, 2024. Learn more at https://link.springer.com/article/10.1007/s12599-023-00833-8.

We congratulate our BPM colleague **Stefanie Rinderle-Ma** (Technical University of Munich, Germany) on her appointment as new Editor-in-Chief of Information Systems (https://www.sciencedirect.com/journal/information-systems). Information Systems has been the flagship journal of the BPM conference for many years and Stefanie served as Area Editor from 2018 to 2023 and as Guest Editor of

several special issues. Stefanie will serve as EiC together with Matthias Weidlich (Humboldt University of Berlin, Germany) and Dennis Shasha (New York University, United States of America), starting from 2024.

Our newly established journal **Process Science** has successfully been launched in late 2023. The first papers have been reviewed and the first notifications have been made. We are happy to share that the average cycle time for the manuscripts submitted in 2023 has been three weeks. We are dedicated to provide our submitting authors with short cycle times and excellent review quality. We look forward to handling your papers in 2024! Visit the website of the journal for more details on submitting papers:

https://www.springer.com/journal/44311