

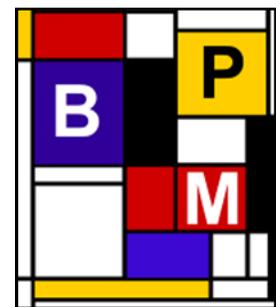
BPM NEWSLETTER

Issue 1/2017
February, 2017

IS YOUR BPM 2017 PAPER READY?

This year's BPM conference will take place in Barcelona, Spain. BPM 2017 is the 15th conference in a series that provides the most prestigious forum for researchers and practitioners in the field of Business Process Management (BPM). *The deadlines for the main conference are rapidly approaching.* Make sure to submit your abstract before March 6th, and your full paper before March 13th, 2017. The conference will also host 15 wonderful workshops covering all aspects of BPM. The deadlines

for these workshops are in May. BPM 2017 is hosted by UPC, the largest engineering university in Catalonia, Spain. The conference will take place at the beautiful and easily accessible UPC Nord Campus. Next to the conference the tourist office lists 100 additional reasons to visit Barcelona in September: Sagrada Família, Park Güell, Palau de la Música Catalana, FC Barcelona's Camp Nou, the beaches, and the mountains in the north. Hope to see you all in Barcelona!



Next to presenting the various events and activities related to the BPM conference in Barcelona, this issue of the BPM Newsletter also includes an interview with Gero Decker (co-founder of Signavio) on trends in BPM, a column on responsible BPM, a few new "procesjes" (funny reflections on our profession), and a warm welcome to our new SC member Jan Mendling. Moreover, pointers to related events and activities such as open-online BPM courses and competitions are given. Enjoy reading the newsletter while preparing for BPM 2017.

- **Sixteen BPM 2017 Workshops!**
- **Interview with Gero Decker from Signavio**
- **Responsible BPM**
- **Barcelona in September**
- **Three BPM 2017 Keynotes**
- **New SC member: Jan Mendling**
- **Three new "procesjes"**
- **Process mining contests**
- **News from the community**

BARCELONA: AN HISTORIC AND HUMAN ANGLE

The origins of the city of Barcelona, which have been defined thanks to archaeological remains and literary and cartographic sources, date from the 1st century A.D., when the Romans established a small colony around the Taber mount. Its whole past is projected into its present.

The Barcelona of the 21st century is a city shaped by the '92 Olympics, a city transformed for and by the need to do justice to that great international event. The Barcelona we see around us now, the Barcelona we enjoy today, is a new Barcelona, Mediterranean in keeping with its traditions, with its face to the sea and its arms open to other cultures and peoples, giving and receiving, happy to make and to share its riches.

The Barcelona of the 21st century is an European capital of astonishing cultural energy and a passion for progress, a city whose day-to-day life brings together every imaginable facet of the most diverse activities: these are the potential that has fashioned the city's present and give it the impetus to move forward into the future.

There are two official languages in Barcelona: Catalan and Spanish, and there are more and more people in the region who understand and speak Eng-



BPM 2017 is hosted by the Universitat Politècnica de Catalunya, one of the top engineering universities in Spain

lish. You're sure to get by.

The people of Barcelona are generally very friendly, calm, helpful and generous. To most, maintaining enduring

relationships is more important than the desire for more and more material wealth. Outside the tourist heart of the city, which many Barcelonans prefer to avoid, you can expect people to come up to you in the street offering help if you are looking lost. In the tourist areas, however, such approaches are less common.



The Universitat Politècnica de Catalunya (UPC) will host BPM 2017. UPC is one of the top engineering universities in Spain in several rankings (31.224 students, 63 different degrees, 62 masters, 205 consolidated research groups).

UPC Nord Campus hosts the confer-

ence venue are already reserved to ease the accommodation to attendees.

The conference will be held mainly in the Vertex Building, where the Auditorium, Garden and many rooms are available for the different activities that will take place.

Social activities are still to be decided, but for sure will not miss the flavor this great city has!

See you in Barcelona!

Josep Camona
General chair of BPM 2017

BPM 2017

GET READY TO SUBMIT YOUR PAPERS, SOON!

The submission deadline for BPM is almost here! This is our final invitation for papers. In addition to papers on bread and butter areas of BPM, we seek your help to expand the conference's prior focus on operational BPM by submitting work on the management aspects of the discipline, such as BPM strategic alignment and governance, where now more than ever research is needed. We would also welcome work that spans emerging and interdisciplinary aspects of BPM, such as decision management and BPM, social BPM, collective adaptive processes and mobile processes. Boundary spanning work will receive special consideration. Help us to push the horizons of the discipline.

These interests are reflected in the six thematic areas of the call for papers:

- BPM in a broader context
- Emerging areas of BPM
- Management aspects of BPM
- Process identification and modeling foundations
- Process analysis and improvement



- Process execution, monitoring and intelligence

Alongside the main research track, a dedicated industry track will host papers on problems and experiences related to the deployment of BPM in practice. The new "BPM Forum" track will continue this year following its successful debut in 2016. It will include a selection of papers with stimulating and innovative ideas that missed the main research track.

See our call for papers at <https://bpm2017.cs.upc.edu/>. The key dates for

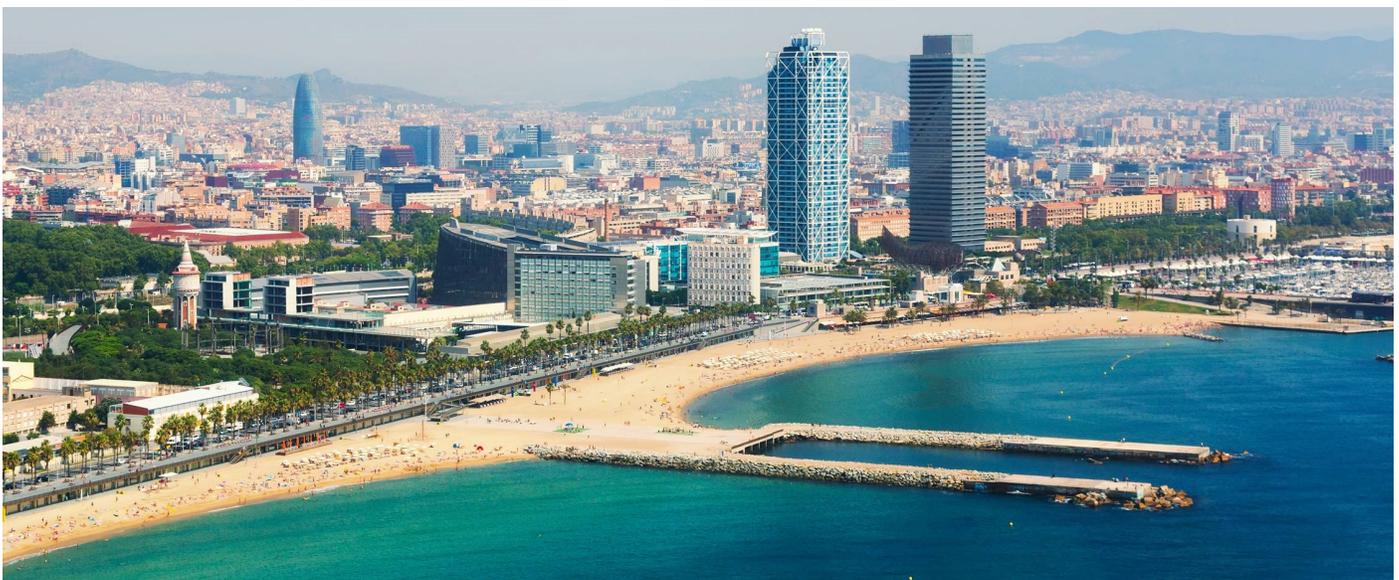
the main research track are:

- Abstract submission: 6 March, 2017
- Full papers submission: 13 March, 2017
- Notifications: 15 May, 2017
- Camera ready papers: 12 June, 2017

We are looking forward to your papers!

So, there is still some time left but not much. Please get your final versions ready and submit soon. Do join us in Barcelona!!

Josep Carmona, Gregor Engels, and Akhil Kumar
BPM 2017 Program Committee Chairs



CLASSICS AND NEWCOMERS – THE BPM 2017 WORKSHOPS

The BPM conference traditionally features a strong workshop program that provides a forum for presentations and discussions of on-going research initiatives and early results. This year's call for workshop proposals received great interest: a total of 20 proposals were submitted. Given the large number of proposals, we tried to accommodate for a diverse spectrum of topics and a balance of established themes and novel directions.

Among the 15 workshops that have been selected to be organized at the BPM 2017 conference are classics such as the 13th edition of BPI, for the first time planned as a 2-day event, and the 10th edition of BPMS2. Yet, there are also newcomers: BPM 2017 will feature a number of first time workshops that cover hot topics such as BPM and Artificial Intelligence, the Internet-of-Things, e-Government, cognitive BPM, data quality aspects, and security and privacy



The fifteen accepted BPM 2017 workshops cover the whole BPM spectrum. The workshop proceedings are published by Springer

considerations.

Information about the workshops is available on the BPM conference website. The submission deadline for the workshops is May 26, 2017. We encourage you to submit to your favorite workshop since this is an excellent oppor-

tunity to share your ideas with others in a wonderful environment!

We look forward to an inspiring workshop program and hope you will join us in Barcelona!

Ernest and Matthias
BPM 2017 Workshop Chairs

International Workshop on Business Process Innovation with Artificial Intelligence (BPAI'17)

13th International Workshop on Business Process Intelligence (BPI'17)

International Workshop on Ubiquitous Business Processes Meeting Internet-of-Things (BP-Meet-IoT'17)

International Workshop in Business Process Management Application to the e-Government domain (BPMGOV'17)

10th Workshop on Social and Human Aspects of Business Process Management (BPMS2'17)

1st Workshop on Cognitive Business Process Management (CBPM'17)

5th International Workshop on Declarative/Decision/Hybrid Mining and Modelling for Business Processes (DeHMiMoP'17)

3rd International Workshop on Process Engineering (IWPE'17)

2nd International Workshop on Process Querying (PO'17)

1st International Workshop on Quality Data for Process Analytics (QD-PA'17)

3rd International Workshop on Interrelations between Requirements Engineering and Business Process Management (REBPM'17)

2nd Workshop on Resource Management in Business Processes (ReMa'17)

2nd international Workshop on Sustainability-Aware Business Process Management (SABPM'17)

Workshop on Security and Privacy-enhanced Business Process Management (SPBP'17)

6th Workshop on Theory and Application of Visualizations and Human-centric Aspects in Processes (TAProViz'17)

INTERVIEW WITH GERO DECKER, CO-FOUNDER OF SIGNAVIO

In 2009, four former students of the Hasso Plattner Institute founded Signavio, a Berlin-based software company specialized in Business Process Management (BPM), Business Decision Management (BDM), Workflow Automation (WA), and Business Process Intelligence (BPI). As students they developed the first version of the Signavio Process Editor that served as the later basis for this rapidly growing software company. One of the co-founders is Gero Decker who did his PhD in the Business Process Technology (BPT) research group of prof. Mathias Weske. Gero wrote a PhD thesis on service choreographies, process modeling languages, and the link between service-oriented architectures and business process management. He presented his work at several instances of our BPM conference and managed to successfully transfer knowledge between academia and industry. Signavio was the first completely web-based collaborative BPM editor. In a few years Signavio has

grown to a company with over 140 employees. Recently, the scope of Signavio is broadening and the software now also supports decision management and conformance checking. In this interview, Gero reflects on developments in BPM in recent years.

When and why did you get the idea to start the Signavio Company?

Gero: In 2006, we started the Open Source project "Oryx" in Prof. Weske's research group at Hasso-Plattner-Institute. Why? As researchers, we experimented with different process modeling notations and needed a platform to build our prototypes on. Eclipse was the framework of choice in those days, but it did not work for us: It was a pain to install desktop applications on students' workstations. So we built a browser-based solution and made it available to everyone over the web. The uptake by fellow academics but also from outside academia was pretty impressive. One day, we were featured in

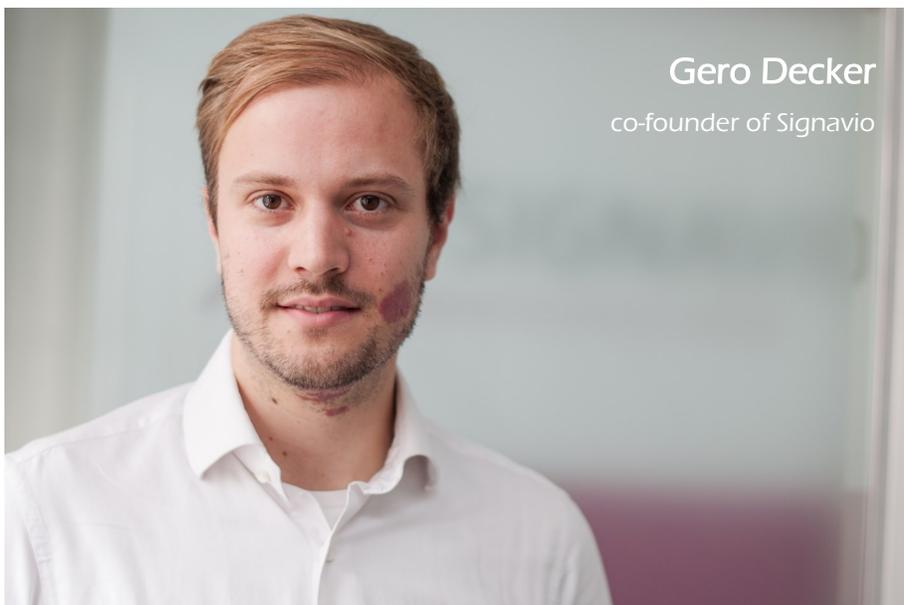
a major tech blog and suddenly saw thousands of new users on our system within minutes. These are the moments when you think: Wow, you are really on to something. That was the moment when we decided to build a "real" product and continue as a commercial company.

What is the BPM paper you are most proud of? Why?

Gero: Publishing a paper at the BPM conference is always a big honor. I think the paper that created the biggest impact was actually a workshop: "Interaction Modeling using BPMN" from 2007, co-authored by Alistair Barros. It influenced the BPMN community quite a bit, up to the point that "choreography modeling" was added as a separate diagram type in BPMN 2.0. Too bad that this diagram type never really took off in practice, though. So better drop it again from BPMN 3.0, should that version ever come...

What is currently your largest customer? How do they use Signavio?

Gero: Our largest customer is a bank that has adopted Signavio on a huge scale. Several thousand people have been trained on BPMN and DMN and are actively using Signavio in the context of their "industrialization" strategy. Signavio has become the single source of truth for everything operations and has enabled process oriented thinking throughout the organization. It allowed to significantly lower the cost of change by taking a model-based approach to organizational change and process / decision automation. For instance, implementing a new regulation now only takes 4-6 months instead of 18-24 months previously. At this customer, we are interfacing with a number of Open Source products on the



The Signavio Business Transformation Suite



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|--|--|---|--|
| | | | |
| Signavio Process Editor | Signavio Decision Manager | Signavio Workflow | Signavio Process Intelligence |
| Collaboratively Design and Reinvent Business Processes | Define and Simulate Accurate & Consistent Decision Logic | Enable Citizen Developers to Create and Run Workflows | Definitive Insights through Big Data Analytics |

workflow and rules automation side.

At an early stage you invested in decision management. Why?

Gero: “Can’t you do for rules what you have done for process?” This was a question, many of our customers asked us, especially those who use models for automation purposes. They wanted to put business users in the driver seat, enabling them to define, test and validate decision rules all the way up to executability. At Signavio, we were reluctant to implement rules functionality for quite some time, because we did not want to implement any proprietary rule notation / language. When the beta version of DMN was published by OMG,

interested in “Digital Transformation”, because it allows leveraging the ever growing amounts of data for operational decision making.

With the new product Signavio Process Intelligence you are now moving in the process mining direction with functions like conformance checking and bottleneck analysis. What triggered this decision and can you describe the new functionality?

Gero: Since founding the company, we have focused a lot on leveraging the “wisdom of the crowd”, i.e. to engage as many people as possible into the discussions around process. However, a people-centric approach has certain

different productivity. Nor can’t you let people dig through all the billions of transactions to see which one of them showed undesired behavior. Process mining is a powerful approach to add data-based insights into the mix. It speeds up the whole improvement cycle and lowers the cost of analyzing as-is processes. Signavio Process Intelligence is a mix of process discovery, conformance checking and business intelligence, deeply integrated with our modeling product, the Signavio Process Editor. Process discovery, especially when focusing on the 60-80% most typical cases, gives you a good first picture on which paths a process takes in IT systems. Through modeling, you introduce the business vocabulary people can relate to and define the right scope and abstraction level for the process. Finally, conformance & BI gives you an understanding of deviations and performance characteristics of the process versus your expectation (the model).

What are the challenges you think the BPM community should focus on?

Gero: Process Mining is still in its infancy in terms of industry adoption. With increased usage in the coming years, many more questions for the academic BPM community will arise. There is already very good foundational work on process discovery and conformance checking. At Signavio, we are particularly interested in the intersection of process mining and process modeling, as well as the role of decision models & making in this context. As a second area of interest, extending BPM in the direction of Business Architecture, in particular strategy, capability and customer journey maps, has risen a lot in demand with practitioners.

Process mining is a powerful approach to add data-based insights into the mix. It speeds up the whole improvement cycle and lowers the cost of analyzing as-is processes.

we immediately jumped on it. Many of our customers believe that decisions are an essential aspect of BPM. DMN fits well into a time where everybody is

limits, especially in very large organizations. You cannot send consultants or business analysts into all 28 factories to find out why they are showing so vastly

Thanks for the interview!

KEYNOTES @ BPM 2017

The three keynotes at BPM 2017 will be given by Alan W. Brown (Business School at University of Surrey), Miguel Valdés (Bonitasoft CEO and co-founder), and Mathias Weske (Hasso Plattner-Institut at the University of Potsdam). As usual one keynote is given by a BPM researcher (Mathias Weske), one is given by someone working in a neighboring research discipline (Alan Brown), and someone working in the BPM industry (Miguel Valdés). These keynotes are another good reason to attend the conference in Barcelona in September!

Alan W. Brown is Professor of Entrepreneurship and Innovation at the University of Surrey's Business School. Alan's research is focused on the relationship between technology innovation and business innovation in today's rapidly-evolving digital economy. He has over



25 years of experience in commercial high tech companies leading R&D teams, building leading-

edge solutions, and driving innovation in software product delivery. He is the founder and director of the Surrey 'Centre for the Digital Economy' (CoDE). Alan has a PhD in Computer Science, and has published numerous books and papers on software engineering, systems design, and business transformation. His most recent co-authored book is "Digitizing Government: Understanding and implementing new digital business models".

Miguel Valdés leads Bonitasoft mission: to democratize Business Process Management (BPM), bringing powerful and



affordable BPM to organizations and projects of all sizes. Bonitasoft builds a BPM-based application

platform to create customized business applications without the cost and rigidity of long, unpredictable custom development cycles. As the world's fastest-growing BPM provider, Bonitasoft has thousands of customers and an open source community of more than 120,000 members. Prior to Bonitasoft, Miguel led R&D, pre-sales and support for the BPM division of Bull Information Systems, a major European systems provider. Miguel is a recognized thought-leader in business process management and passionate about open source community building.

Professor Dr. **Mathias Weske** is chair of the business process technology research group at Hasso Plattner Institute of IT Systems Engineering at the University of Potsdam, Germany. The research group aims at addressing real-world problems in business process management with formal approaches and engineering useful prototypes. His research focuses on the engineering of process oriented information systems, decision management, and event handling. In addition to running the BPM Academic Initiative bpm.ai.org, the BPT research group has a track record in engineered prototypes with a significant impact on

research and practice, including projects like Oryx and jBPT. In 2009 he co-founded Berlin-based software company Signavio. Dr. Weske is author of the first textbook on business process manage-

ment and he held the first massive open online course on the topic in 2013. With Matthias Kunze, he published a textbook on behavioral models. He is on the Editorial Board of Springer's Distributed and Parallel Databases journal and a founding member of the steering committee of the BPM conference series.



JAN MENDLING JOINS THE BPM STEERING COMMITTEE

During the annual meeting of the BPM Steering Committee (BPM SC) in Rio, the BPM SC decided to invite **Jan Mendling**. He accepted and joined the BPM SC since the beginning of the year.

Jan Mendling is a full professor at the Institute for Information Business at Wirtschaftsuniversität Wien (WU Vienna), Austria.



He is well known in the BPM community and has played different roles in previous BPM conferences. Jan was BPM PC

chair in 2010 and BPM workshop chair in 2014. His research interests cover a wide range of topics in the area of business process management and infor-

Jan was BPM PC chair in 2010 and BPM workshop chair in 2014

mation systems. He has published more than 250 research papers and articles, among others in ACM Transactions on Software Engineering and Methodology, IEEE Transaction on Software Engineering, Information Systems, Data & Knowledge Engineering, and Decision Support Systems. He is member of the editorial board of seven international journals, member of the board of the Austrian Society for Process Management (<http://prozesse.at>), one of the founders of the Berlin BPM Community of Practice (<http://www.bpmb.de>), organizer of several academic events on

process management, and member of the IEEE Task Force on Process Mining. His Ph.D. thesis has won the Heinz-Zemanek-Award of the Austrian Computer Society and the German Targion-Award for dissertations in the area of strategic information management. The BPM SC is very happy that Jan is willing to contribute his efforts and experience. One of his first activities will be to establish the "Best Dissertation in BPM" award.

THE MOOC "FUNDAMENTALS OF BPM" NOW AVAILABLE FOR FLIPPED-CLASSROOM USE

The MOOC "Fundamentals of BPM" by Marcello La Rosa, Marlon Dumas, Jan Mendling and Hajo Reijers is now available as a **Small Private Online Course (SPOC)**. The SPOC is a replica of the full MOOC, coordinated by a designated lecturer and available only to students authorized by this lecturer. The SPOC is

ideal for lecturers seeking to run their BPM course in flipped-classroom, where students first take the SPOC lesson online and then meet with the lecturer in a physical lesson to discuss the topic in more depth and to complete further exercises. The first Fundamentals of BPM SPOC delivery took place in the fall

of 2016 at Politecnico di Milano as part of the International Master's in Business Analytics and Big Data (BABD) coordinated by Barbara Pernici. Further SPOC deliveries are being held or are programmed at Commonwealth Bank of Australia, Queensland University of Technology and University of Tartu.

Lecturers interested in running a class using this SPOC can contact the authors at: bpmtextbook@lists.ut.ee.

Meantime, the same authors continue to deliver their MOOC in open mode.

The next delivery of a condensed version of the MOOC will take place starting from 6 March 2017 on the FutureLearn platform: www.futurelearn.com/courses/business-process-management



BUSINESS PROCESS INTELLIGENCE WORKSHOP @ BPM 2017

Traditionally, the **Business Process Intelligence workshop** has been the largest workshop at the conference. Over the years, the workshop grew and included the BPI Challenge, the Process Discovery contest and the IEEE Task force meeting. That combined with the large number of people in the audience, the organizers this year proposed a **two day event** for the 13th edition of the BPI workshop.

The workshop, sponsored by Siav (www.siav.com), is aiming to attract the same high-quality papers as previous years, with sufficient space and time for the researchers to present their findings to a focused audience. The paper presentations will be alternated by presentations of the winners of the BPI Challenge and the PD contest. On Sunday evening, a **BPI-reception** will be hosted for the participants and the workshop closes with the **annual meeting of the IEEE Task force on process mining**.

The **BPI Challenge**, sponsored by Celonis (www.celonis.com) and Minit (www.minitlabs.com), has become a tradition for the workshop, as well as the conference participants. The **public real-life datasets** made available through this challenge are used in many papers and serve as a validation baseline. One of the most successful datasets was the 2012 dataset from a Dutch financial institute and this year, we have found the same company willing to share data of the same process, five years later. The data is richer than before, the process has grown in intensity and while the supporting system was replaced, the process is largely comparable.

The **Process Discovery contest**, sponsored by Cognitive Technology (<http://www.cognitive.com.mt/>), is dedicated to the assessment of tools and techniques that discover business process models from event logs. The objective is to compare the efficiency of tech-

niques to discover process models. Compared with last year, this year the competition will not only consider the ability of discovering process models balancing "overfitting" and "underfitting", but also the capacity of mining models that provide business value to stakeholders.

We hope to see many of you at the BPI Workshop in Barcelona. The workshop is included in the regular workshop participation fee and more information is available on <http://www.win.tue.nl/bpi/>

Boudewijn van Dongen, Andrea Burattin, Jan Claes, and Jochen De Weerd

Chairs of BPI 2017



SECOND LATIN AMERICAN SCHOOL ON BPM

The **2nd Latin-American Summer School on BPM (LAS-BPM)** will be held in Bogotá – Colombia between June 27 and June 30 (2017) and will offer an opportunity to bring together both practitioners and researchers around the Business Process Management field and study some of its more exciting developments.

The school aims to bring together, for a week, the young and growing generation of Latin-American researchers with practitioners that are both building and using today's strongest BPM platforms. This space should offer plenty of opportunities to strengthen relationships between academia and industry, and to

foster collaborations between Latin-American researchers.

The school will be held **at the campus of the University of Los Andes** and is being organized by the Department of Systems and Computing Engineering together with the Department of System Engineering of the National Technological University and the Instituto de Informática UFRGS of the Universidade Federal do Rio Grande do Sul.

The 2nd LAS-BPM will consist of four days of short courses and meetings to discuss different state-of-art topics regarding BPM, followed by discussions designed to establish cooperation opportunities.

Students will also be given the opportunity to present their research works to their peers, fellow practitioners, and to courses' lecturers in order to get valuable feedback.

Confirmed lecturers include: **Marlon Dumas** on Process Mining, **Lucineia Thom** on Business Process Concepts and Modeling, **Pablo Villareal** on Inter-Organizational BPM, **Mario Sánchez** on Process Simulation, and **Oscar González** on Process Analysis and Governance.

See <https://ii-las-bpm.uniandes.edu.co/> for more information.

Oscar González-Rojas and Mario Sánchez II LAS-BPM Co-chairs

RESPONSIBLE DATA SCIENCE, ALSO FOR BPM ?

The Dutch **Responsible Data Science (RDS) initiative** aims to address questions related to **Fairness, Accuracy, Confidentiality, and Transparency (FACT)** by providing positive technological solutions. These solutions aim to protect people and organizations against the possible negative side effects of data science and Big data. The goal is to make IT systems “responsible by design”. Obviously, business **process management and data science are closely connected**. This is reflected by the uptake of process mining techniques. Moreover, also other BPM approaches are becoming more and more data driven. Workers, customers, citizens, patients and other individuals that depend on processes are affected by BPM technology. Although not always visible, BPM systems and approaches decide on the prioritization of cases and the distribution of work. However, the BPM community seldom discusses the effects of BPM on the lives or working conditions of people. Therefore, it is interesting to discuss the Responsible Data Science (RDS) initiative and see how ingredients can be used to make BPM systems and approaches more responsible.

In the RDS initiative the leading Dutch data science groups joined forces to tackle four main challenges:

- **Data science without prejudice** – How to avoid unfair conclusions even if they are true?
- **Data science without guesswork** – How to answer questions with a guaranteed level of accuracy?
- **Data science that ensures confidentiality** – How to answer questions without revealing secrets?
- **Data science that provides transparency** – How to clarify answers such that they become indisputable?



We can all witness that Big data is changing the way we do business, socialize, conduct research, and govern society. Data are collected on anything, at any time, and in any place. Data abundance combined with powerful data science techniques has the potential to **dramatically improve our lives by enabling new services and products, while improving their efficiency and quality**. The importance of data science is widely acknowledged, but there are also great concerns about the use of data. Increasingly, customers, patients, and other stakeholders are concerned about irresponsible data use. Automated data decisions may be unfair or non-transparent. Confidential data may be shared unintentionally or abused by third parties. Each step in the “data science pipeline” may create inaccuracies, e.g., if the data used to learn a model reflects existing social biases, the algorithm is likely to incorporate these biases. These concerns could lead to resistance against the large-scale use of data and make it impossible to reap the benefits of data science.

The problems addressed by RDS are extremely urgent and challenging. Not

addressing these problems will lead to a “Big data winter” where data are widely misused and data science results are deeply mistrusted. RDS brings together the top researchers in the Netherlands from key disciplines like data/process mining, digital humanities, ethics, information retrieval, knowledge representation, law, machine learning, natural language processing, security, statistics, and visualization. Wil van der Aalst is leading this initiative which involves over 25 groups from a dozen Dutch universities and research centers. The website

www.responsible-datascience.org

provides more information on the RDS initiative and the RDS seminar series.

An interesting question for the BPM community is what we can learn from RDS. Shouldn't we focus on challenges related to Fairness, Accuracy, Confidentiality, and Transparency in BPM?



DO YOU WANT TO KNOW THE FASTEST WAY TO SAVE MONEY WITH PROCESS MAPPING?

Inspired by the "daily astonishment in the BPM world", the Dutch BPM practitioner Emiel Kelly started to make 'procesjes' (little processes) to reflect on BPM trends in a playful manner. A

"Procesje" reports on the irrational behavior of organizations and people thus putting BPM technology in perspective. This page shows again some example 'procesjes'.

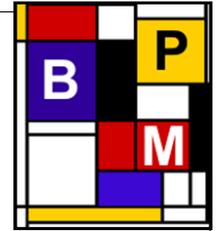
If you want to see more funny BPM posts, please visit Procesje.nl or follow [@Procesje](https://twitter.com/Procesje) (occasionally also in English) on twitter.



PUBLISHED BY THE STEERING COMMITTEE OF THE BPM CONFERENCE SERIES

Wil van der Aalst (chair), Boualem Benatallah, Jörg Desel, Marlon Dumas, Schahram Dustdar, Jan Mendling, Michael zur Muehlen, Manfred Reichert, Stefanie Rinderle-Ma, Barbara Weber and Mathias Weske.

For contributions and comments, contact the Editor (Wil van der Aalst), WWW: vdaalst.com, E-mail: w.m.p.v.d.aalst@tue.nl.



The goal of this newsletter is to further strengthen the BPM community that has been formed over the last 15 years. The newsletter appears twice per year. Input for the next newsletter is welcome (e.g. activities related to the BPM conference, online courses, interviews, contests, new datasets, tools, etc.).

EVENTS AND ACTIVITIES OF THE COMMUNITY

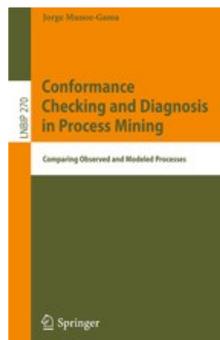
The workshop **Algorithms & Theories for the Analysis of Event Data (ATAED'2017)** is a satellite event of both Petri nets 2017 and ACSD 2017. The workshop aims to attract papers related to Process Mining, Region Theory and other synthesis techniques. The deadline for papers is **March 31st, 2017**. The workshop is supported by the IEEE Task Force on Process Mining. See <http://www.fernuni-hagen.de/ataed2017/> for more information.



The proceedings of the **BPM Demo Track 2016** edited by Leonardo Azevedo, Cristina Cabanillas are now available via <http://ceur-ws.org/Vol-1789>. This is a good trigger to prepare your demo paper for BPM 2017.



The book **"Conformance Checking and Diagnosis in Process Mining"** by Jorge Munoz-Gama is now available in Springer's LNBI series. It is based on his PhD



thesis that won the 2015 Process Mining Dissertation Award. This award is conferred by the IEEE Task Force on Process Mining and given to truly outstanding PhD theses in the area of business process intelligence.

Next to the MOOC "Fundamentals of BPM" by Marcello La Rosa, Marlon Dumas, Jan Mendling and Hajo Reijers mentioned earlier in this newsletter, the Coursera MOOC **"Process Mining: Data science in Action"** is now running in on-demand mode. Over 100.000 people participated in the course. It is now also possible to also the course in a flipped classroom setting. Visit www.coursera.org/learn/process-mining for more information. The FutureLearn MOOC **"Introduction to Process Mining with ProM"** starts again on the 24th or April <https://www.futurelearn.com/courses/process-mining/>.

A special issue of **Information Systems** based on the **best papers from BPM 2015** has been published (Volume 64, March 2017). The special issue contains four BPM papers covering topics such as business process compliance (David Knuplesch et al.), declarative process

models (Claudio Di Ciccio et al.), detection of textual inconsistencies in process models (Han van der Aa), and temporal process constraints (Akhil Kumar et al.).



On November 11th, 2016, the IEEE Standards Association has officially published the **XES Standard** as IEEE Std 1849TM-2016: IEEE Standard for eXtensible Event Stream (XES) for Achieving Interoperability in Event Logs and Event Streams. The IEEE Task Force on Process Mining has been driving the standardization process for over six years, because the standard allows for the exchange of event data between different process mining tools.

