

22nd BUSINESS PROCESS MANAGEMENT CONFERENCE

*PROGRAM
BOOKLET*

**1-6 September 2024
Kraków, Poland**



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22nd Business Process Management Conference



Useful information:

- During the conference internet connection will be provided via Eduroam and AGH-Events (BPM2024) networks.
- Password for BPM2024 will be printed on participant's ID card.



Coffee will be available from Tuesday to Thursday at Krakus Restaurant from 8am to 5pm.

We acknowledge and are grateful to the sponsors and partners of BPM 2024. Without their support, such an event would not have been possible, especially to our platinum sponsor — Celonis — and our four gold sponsors: SAP Signavio, Software AG, Tecna, and Wyższa Szkoła Biznesu – National Louis University.

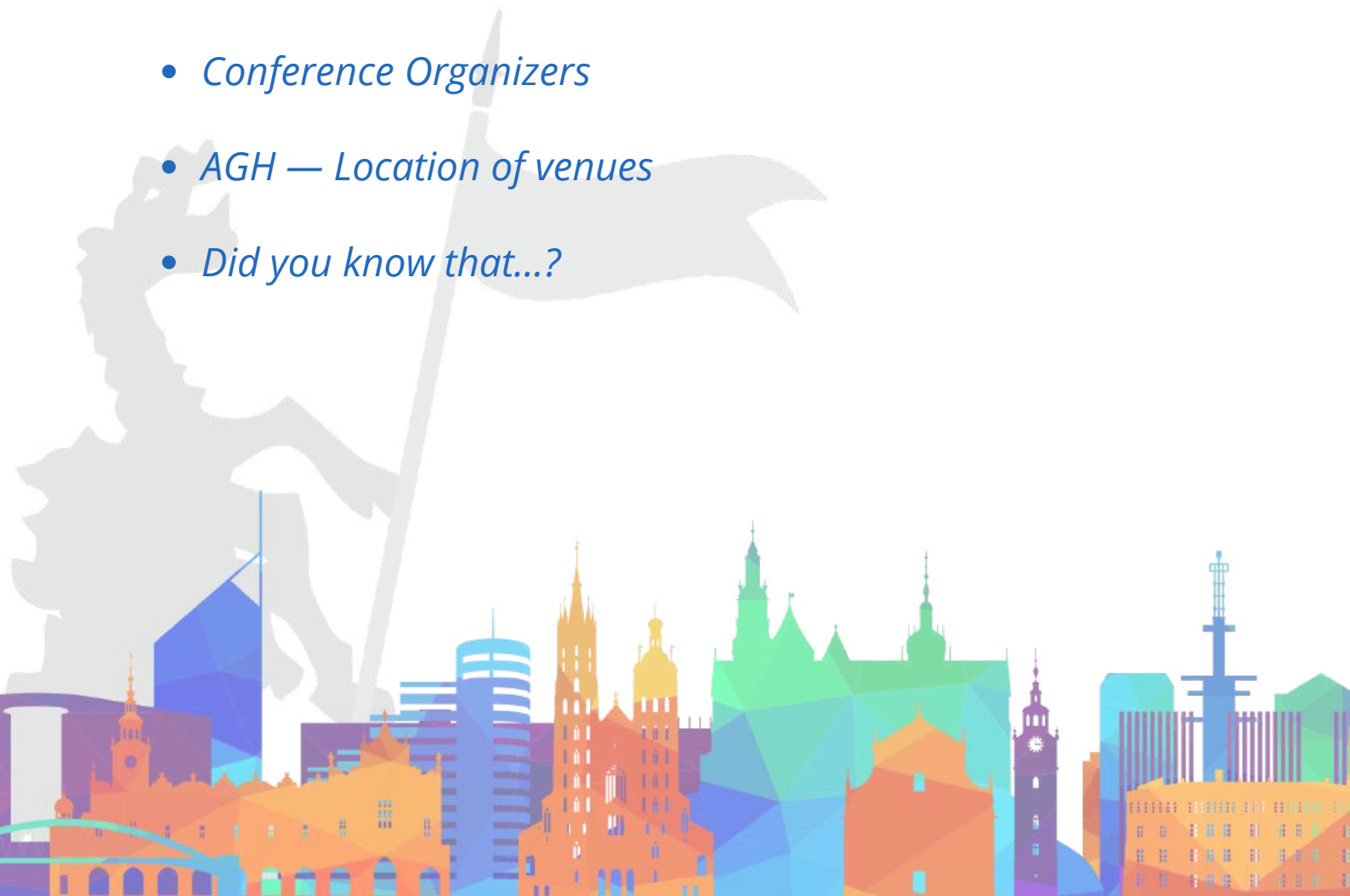


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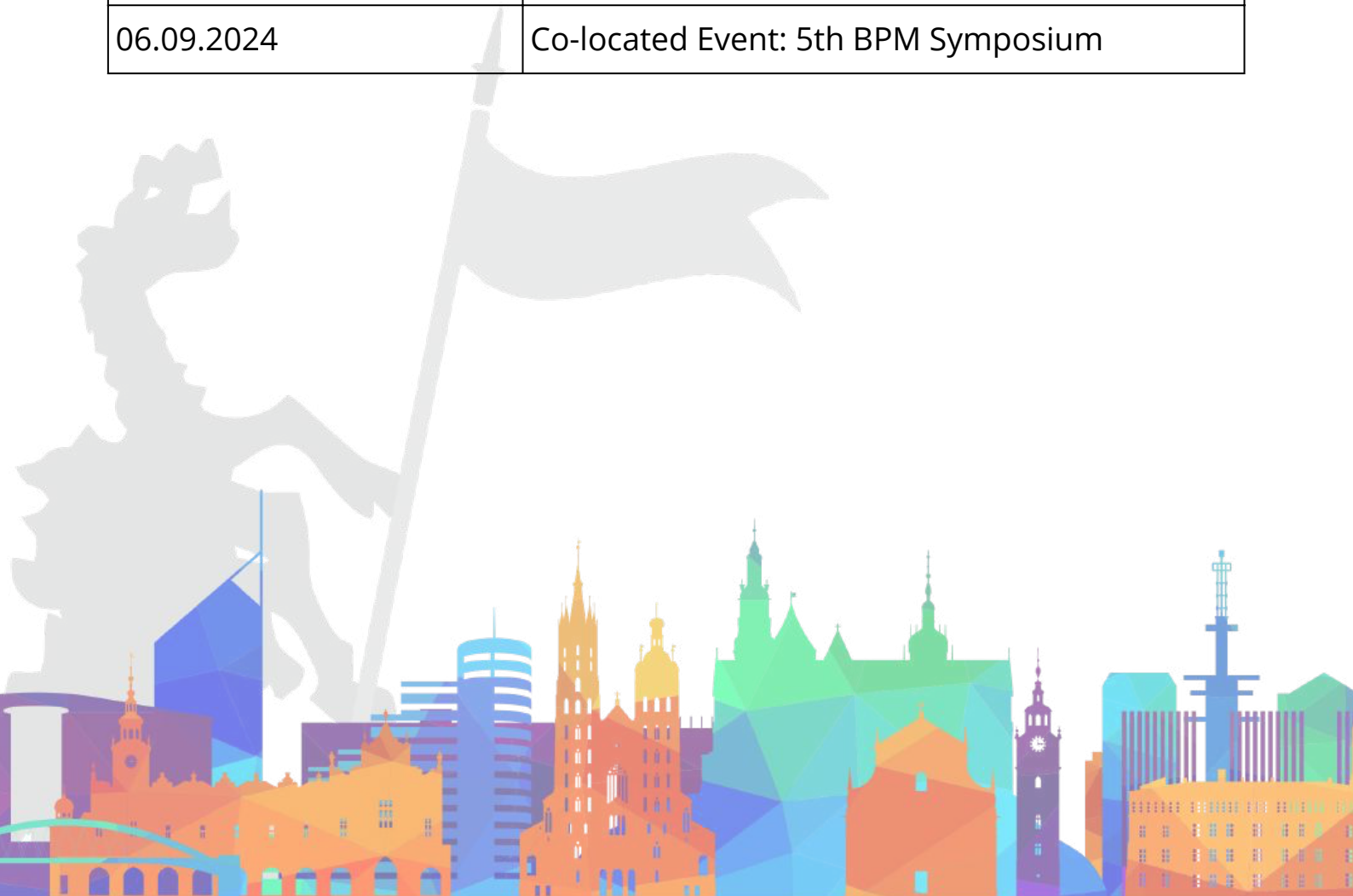
- *Sunday, September 1st — Doctoral Consortium*
- *Monday, September 2nd — Workshops*
- *Tuesday, September 3rd — Main Conference*
- *Wednesday, September 4th — Main Conference*
- *Thursday, September 5th — Main Conference*
- *Friday, September 6th — Polish BPM Symposium*
- *Conference Organizers*
- *AGH — Location of venues*
- *Did you know that...?*

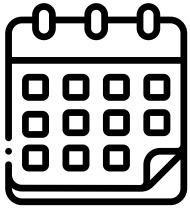




Program

Conference Schedule	
Date	Event
01.09.2024	Doctoral Consortium
02.09.2024	Workshops
03–05.09.2024	Main Conference
06.09.2024	Co-located Event: 5th BPM Symposium





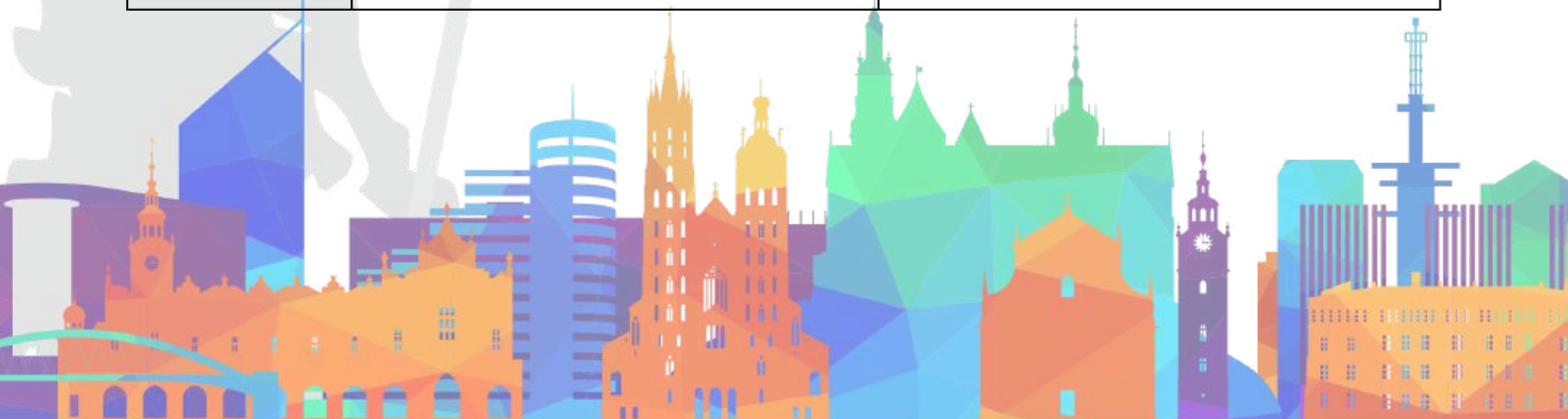
Sunday, September 1st

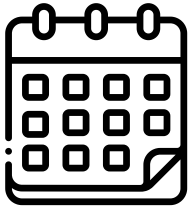
• Doctoral Consortium

Time	C7 building
	[014]
09:00 – 09:30	Welcome and introductions
09:30 – 10:15	Towards Sustainable BPM Excellence: A Maturity Model Grounded in Paradox Theory; Ika Nurkasanah
Coffee break	
10:30 – 11:15	Conversational AI for Framed Autonomy in AI-augmented Business Process Management; Angelo Casciani
11:15 – 12:00	Understanding and Supporting Process Mining Analyses at the Individual Level; Lisa Zimmermann
Lunch Break	
13:30 – 14:15	Monitoring Employee Well-Being with Process Mining; Mari Braakman
14:15 – 15:00	Concept-drift-aware Prescriptive Analytics for Object-centric Processes; Ngoc-Diem Le
Coffee Break	
15:30 – 16:15	Explaining and Understanding Organizational Dynamics Using Digital Trace Data; Sophie Hartl
16:15 – 17:00	Round table and closing
19:00	Dinner for DC Participants (Brewery BGH, Witolda Budryka 4, 30-072 Kraków)

Time	Sunday, September 1st	
17:00 – 19:00	Early registration to all events	U2 building

Time	Sunday, September 1st	
20:00-21:00	Kraków at night - walk	From U2 building to the Main Square





Monday, September 2nd

• Workshops

Time	C7 building					
	[014]	[015]	[113]	[114]	[411]	[412]
08:00	Registration (U2 building)					
09:00-10:30	BPMS2	AI4BPM	BP-Meet-IoT	NLP4BPM		OBJECTS
Coffee break						
11:00-12:30	Innov8BPM	AI4BPM	BP-Meet-IoT	NLP4BPM	BPO	OBJECTS
Lunch (Krakus Restaurant, Reymonta 15, 30-059 Kraków)						
14:00-15:30	Innov8BPM	FM-BPM	ProDy	NLP4BPM	BPO	OBJECTS
Coffee break						
16:00-17:30	Innov8BPM	FM-BPM	ProDy		BPO	OBJECTS
18:00	Workshop Reception (Studio Club, Witolda Budryka 4, 30-072 Kraków)					

Workshops:

BPMS2 – Social and Human Aspects of Business Process Management

Innov8BPM – Managing Process Innovation and Value Creation in the Era of Digital Transformation

AI4BPM – Artificial Intelligence for Business Process Management

FM-BPM – Formal Methods for Business Process Management

BP-Meet-IoT – Business Processes Meet the Internet-of-Things

ProDy – Change, Drift, and Dynamics of Organizational Processes

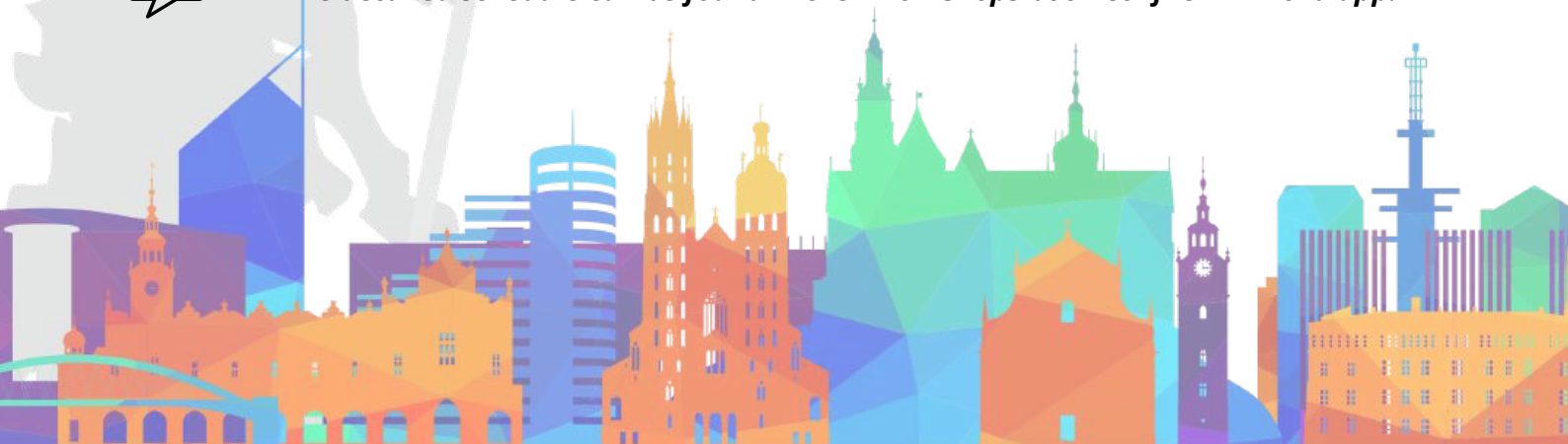
NLP4BPM – Natural Language Processing for Business Process Management

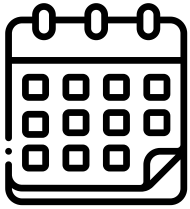
BPO – Business Process Optimization

OBJECTS – Object-centric Processes from A to Z



The detailed schedule can be found in the "Workshops booklet" file in Whova app.

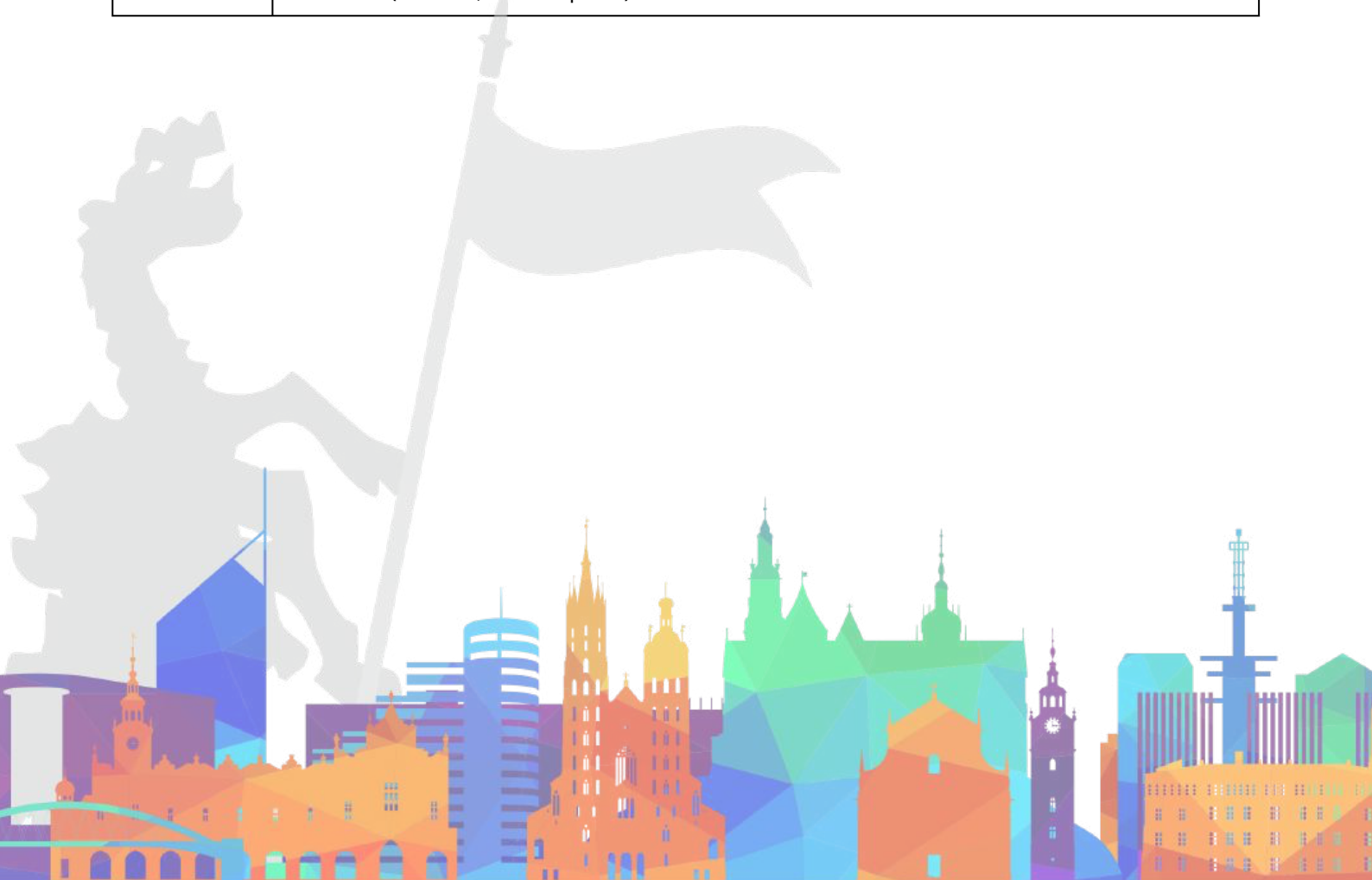


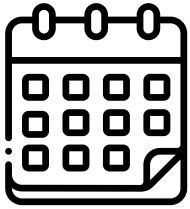


Tuesday, September 3rd

• General plan of the day

Time	U2 building	C7 building			
		[113]	[114]	[411]	[014]
08:00	Registration (U2 building)				
08:45 - 09:45	Opening, Keynote				
Coffee break (Krakus Restaurant, Reymonta 15, 30-059 Kraków)					
10:30 - 12:30	Main Session 1	BPM Forum 1	Journal First 1		
Lunch (Krakus Restaurant, Reymonta 15, 30-059 Kraków)				Mentoring Session for ERCs	
14:00 - 15:30	Main Session 2	RPA Forum 1	Journal First 2	Tutorial 1	
Coffee break (Krakus Restaurant, Reymonta 15, 30-059 Kraków)					
16:15 - 17:45	Main Session 3	RPA Forum 2	Tutorial 4		
18:00	Welcome Party (A0 building - Main Hall)				
16:30 - 19:15	SC meeting (A0 building Professor's Club) with 15' break				
19:30 - 22:00	SC dinner (Kraków, Main Square)				

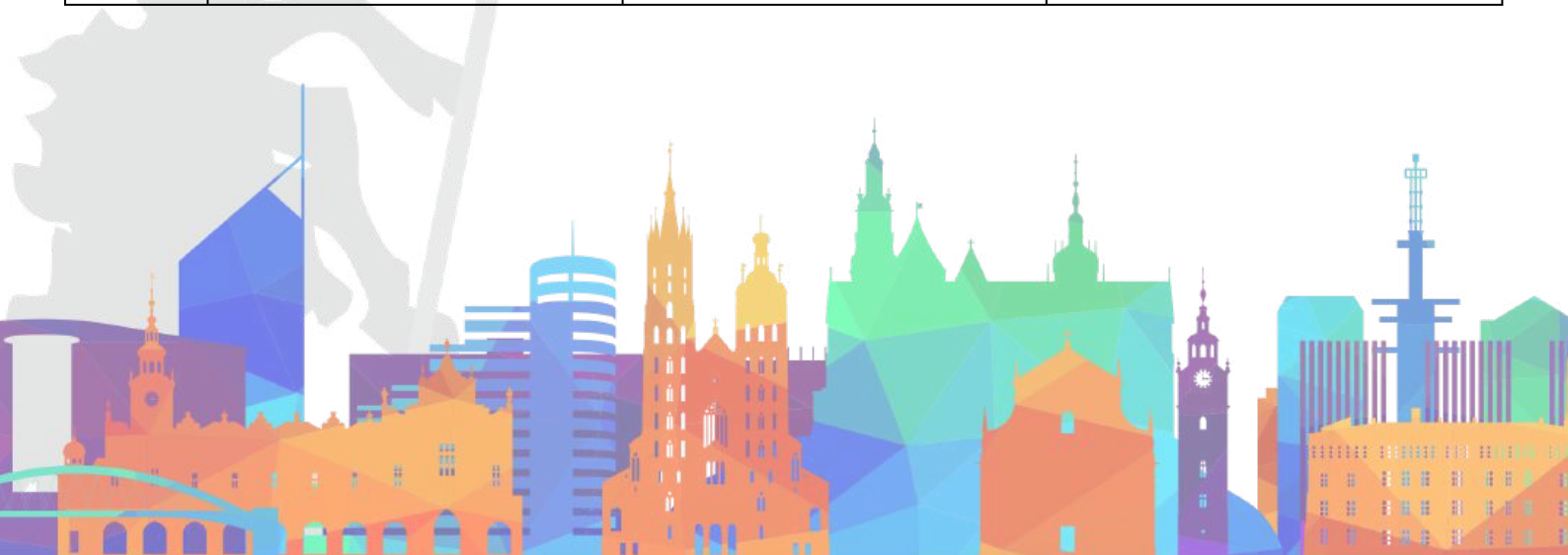


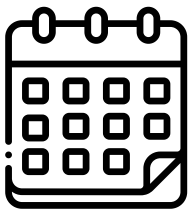


Tuesday, September 3rd

• Detailed daily schedule

Time	U2 building	C7 building	
		[113]	[114]
08:45 - 09:45	Opening, Keynote Flavia Santoro: "Ethics in BPM"		
10:30 - 12:30	Main Session 1: Predictive and Prescriptive Monitoring Chair: Marco Comuzzi	BPM Forum 1: Chair Mahendrawathi ER	Journal First 1
	<p>Andrei Buliga, Mozghan Vazifehdoostirani, Laura Genga, Xixi Lu, Remco Dijkman, Chiara Di Francescomarino, Chiara Ghidini and Hajo A. Reijers. Uncovering patterns for local explanations in outcome-based Predictive Process Monitoring Martin Käppel, Lars Ackermann, Stefan Jablonski and Simon Härtl. Attention Please: What Transformer Models Really Learn for Process Prediction Johannes Roider, Dario Zanca and Björn Eskofier. Efficient Training of Recurrent Neural Networks for Remaining Time Prediction in Predictive Process Monitoring Kateryna Kubrak, Lana Botchorishvili, Fredrik Milani, Alexander Nolte and Marlon Dumas. Explanatory Capabilities of Large Language Models in Prescriptive Process Monitoring</p>	<p>Luka Abb and Jana-Rebecca Rehse. Multivariate Anomaly Detection in Object-Centric Event Data Lukas Liss, Jan Niklas Adams and Wil van der Aalst. TOTeM: Temporal Object Type Model for Object-Centric Process Mining Alexandre Goossens, Johannes De Smedt and Jan Vanthienen. Object-Centric Event Logs: Characteristics, Comparative Analysis and Road Map Felipe Castellanos, Nicolás Navascués, Daniel Calegari and Andrea Delgado. CMMN-based modeling and customization of declarative business process families Gyunam Park, Jan Niklas Adams and Wil van der Aalst. Conformance Checking and Performance Analysis Using Object-Centric Directly-Follows Graphs Carl Corea, Timotheus Kampik and Marco Montali. Explainable DMN Simon James Jensen and Hugo A. López. Towards Immersive Environments for Declarative Process Models</p>	<p>Ivan Compagnucci, Flavio Corradini, Fabrizio Fornari and Barbara Re. A Study on the Usage of the BPMN Notation for Designing Process Collaboration, Choreography, and Conversation Models Heerko Groefsema and Nick van Beest. Supporting business process variability through declarative process families. Djordje Djurica, Tyge Kummer, Jan Mendling and Kathrin Figl. Investigating the Impact of Representation Features on Decision Model Comprehension Laura Genga, Fabio Rossi, Claudia Diamantini, Emanuele Storti and Domenico Potena. Model Repair Supported by Frequent Anomalous Local Instance Graphs Marek Szelągowski and Justyna Berniak-Woźny. BPM challenges, limitations and future development directions – a systematic literature review Peyman Badakhshan, Hendrik Scholta, Theresa Schmiedel and Jan Vom Brocke. A measurement instrument for the "ten principles of good BPM" Sander J.J. Leemans, James M. McGree, Artem Polyvyanyy and Arthur H.M. ter Hofstede. Statistical Tests and Association Measures for Business Processes Arthur H. M. ter Hofstede, Agnes Koschmider, Andrea Marrella, Robert Andrews, Dominik Fischer, Sareh Sadeghianasl, Moe Thandar Wynn, Marco Comuzzi, Jochen De Weerd, Kanika Goel, Niels Martin and Pnina Soffer. Process-Data Quality: The True Frontier of Process Mining Nick van Beest, Heerko Groefsema, Adrian Cryer, Guido Governatori, Silvano Colombo Tosatto and Hannah Burke. Cross-Instance Regulatory Compliance Checking of Business Process Event Logs</p>

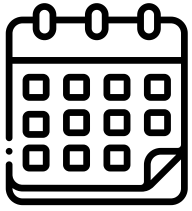




Tuesday, September 3rd

• Detailed daily schedule

Time	U2 building	C7 building		
		[113]	[114]	[411]
14:00 - 15:30	Main Session 2: Process models Chair: Francesca Zerbato	RPA Forum 1	Journal First 2	Tutorial 1
	Flavio Corradini, Jessica Piccioni, Barbara Re, Lorenzo Rossi and Francesco Tiezzi. On the interplay between BPMN collaborations and the physical environment Francesco Vinci and Massimiliano de Leoni. Repairing Process Models through Simulation and Explainable AI Marco Franceschetti, Amine Abbad Andaloussi, Clemens Schreiber, Hugo A. López and Barbara Weber. Exploring the Cognitive Effects of Ambiguity in Process Models	Keynote Hajo A. Reijers The Dagstuhl Diaries: In RPA we Trust Abstract: <i>You need to trust your software robot to properly carry out the work you assigned to it. But can the software robot also trust you to let it do that work? This is one of the intriguing questions that was raised in the Dagstuhl castle during the seminar that was organized in July 2024, entitled "Improving Trust between Humans and Software Robots in Robotic Process Automation". During this RPA Forum keynote, prof. Hajo Reijers will share with you the key insights from that seminar. If you bring a glass of Riesling wine to the seminar, you will almost feel like you were in Dagstuhl yourself.</i> Bio: <i>Hajo Reijers is a full professor in the Department of Information and Computing Sciences of Utrecht University, where he leads the Process Science group. The focus of Hajo's academic research is on business process redesign, process automation, conceptual modeling, and process analytics. On these topics, he contributed to about 300 scientific papers, chapters in edited books, and articles in professional journals. If you know a squash court in Krakow, feel free to challenge him to play a match.</i>	Anton Yeshchenko and Jan Mendling. A survey of approaches for event sequence analysis and visualization Bemali Wickramanayake, Chun Ouyang, Yue Xu and Catarina Moreira. Generating multi-level explanations for process outcome predictions Johannes De Smedt and Jochen De Weerd. Predictive process model monitoring using long short-term memory networks Jari Peeperkorn, Seppe Vanden Broecke and Jochen De Weerd. Validation set sampling strategies for predictive process monitoring Baris Ozkan, Marijn Koops, Hajo Reijers and Oktay Turetken. Baris Ozkan, Marijn Koops, Hajo Reijers and Oktay Turetken. The Influence of Business Process Management System Implementation on an Organization's Process Orientation: A Case Study of a Financial Service Provider Francesca De Luzi, Francesco Leotta, Andrea Marrella and Massimo Mecella. On the Interplay Between Business Process Management and Internet-of-Things Jana-Rebecca Rehse, Luka Abb, Gregor Berg, Carsten Bormann, Timotheus Kampik and Christian Warmuth. User Behavior Mining: A Research Agenda Christian Novak, Lukas Pfahlsberger, Saimir Bala, Kate Revoredo and Jan Mendling. Enhancing decision-making of IT demand management with process mining	Benoît Depaire, Henrik Leopold, Jan Mendling and Henning Meyerhenke. Evaluation of Algorithmic Contributions to Business Process Management
16:15 - 17:45	Main Session 3: Event data analysis Chair: Jana Rehse	RPA Forum 2	Tutorial 4	
	Alexander Kraus and Han van der Aa. Looking for Change: A Computer Vision Approach for Concept Drift Detection in Process Mining Kiran Busch, Timotheus Kampik and Henrik Leopold. xSemAD: Explainable Semantic Anomaly Detection in Event Logs Using Sequence-to-Sequence Models Andrea Maldonado, Christian M. M. Frey, Gabriel Marques Tavares, Nikolina Rehwald and Thomas Seidl. GED: Generating Event Data with Intentional Features for Benchmarking Process Mining	Tom Hohenadl, Maximilian Völker, Christian Stummeyer and Mathias Weske. Democratizing Robotic Process Mining: A Conceptual Framework for User Actions, Tasks, and RPA Bots Antonio Martínez Rojas, José Luis Alonso Rocha, Andrés Jiménez Ramírez and José González Enríquez. From Screenshots to Process Models: Improving Activity Identification through Screen Text Peter A. François and Ralf Plattfaut. Designing The Organizational Reuse Environment – Enabling Citizen Developers to Reuse Process Automation Artifacts Maximilian Völker and Mathias Weske. Measuring Complexity of Bot Models in Robotic Process Automation Tom Hohenadl, Bernhard Axmann and Christian Stummeyer. Decision-Making in Robotic Process Automation Programming and its Influence on Robotic Process Mining	Marco Montali, Anna Kalenkova and Arik Senderovich. Stochastic Modeling for Business Process Management	
18:00	Welcome Party (A0 building - Main Hall)			

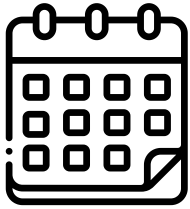


Wednesday, September 4th

- General plan of the day

Time	U2 building	C7 building				
		[113]	[114]	[411]	[412]	[014]
08:00	Registration (U2 building)					
09:00 - 9:45	Keynote					
Coffee break (Krakus Restaurant, Reymonta 15, 30-059 Kraków)						
10:30 - 12:30	Main Session 4	BPM Forum 2	BlockChain Forum 1	Tutorial 3		
Lunch (Krakus Restaurant, Reymonta 15, 30-059 Kraków)					DEI Mentoring Session	
14:00 - 15:30	Main Session 5	Main Session 6	BlockChain Forum 2	Demo & Resources		
16:15						
17:30	Transport to Wieliczka Salt Mine					
20:00 - 23:00	Gala dinner					



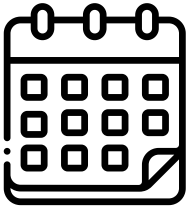


Wednesday, September 4th

• Detailed daily schedule

Time	U2 building	C7 building		
		[113]	[114]	[411]
09:00 - 09:45	Keynote Alexander Serebrenik: "Studying Humans in Software Engineering"			
10:30 - 12:30	Main Session 4: Conformance Checking Chair: Nick van Beest	BPM Forum 2: Chair Andrés Jiménez	BlockChain Forum 1	Tutorial 3
	<p>Ivan Donadello, Paolo Felli, Fabrizio Maria Maggi, Marco Montali and Craig Innes. Conformance Checking of Fuzzy Logs against Declarative Temporal Specifications</p> <p>Alessandro Burigana, Alessandro Gianola, Marco Montali and Sarah Winkler. Glocal Conformance Checking</p> <p>Eduardo Goulart Rocha, Sebastiaan Johannes van Zelst and Wil van der Aalst. Mining Behavioral Patterns for Conformance Diagnostics</p> <p>Michael Grohs, Han van der Aa and Jana-Rebecca Rehse. Beyond Log and Model Moves in Conformance Checking: Discovering Process-Level Deviation Patterns</p>	<p>Timotheus Kampik and Cem Okulmus. Expressive Power and Complexity Results for SIGNAL, an Industry-scale Process Query Language</p> <p>Peter Pfeiffer and Peter Fettke. Trace vs. Time: Entropy Analysis and Event</p> <p>Predictability of Traceless Event Sequencing</p> <p>Ali J. Alaei, Matthias Weidlich and Arik Senderovich. Data-Driven Decision Support for Business Processes: Causal Reasoning and Discovery</p> <p>Flavia Monti, Francesco Leotta, Juergen Mangler, Massimo Mecella and Stefanie Rinderle-Ma. NL2ProcessOps: Towards LLM-guided Code Generation for Process Execution</p> <p>Riccardo Lo Bianco, Remco Dijkman, Wim Nuijten and Willem van Jaarsveld. A Universal Approach to Feature Representation in Dynamic Task Assignment Problems</p> <p>Lukas Laakmann, Seyyid A. Ciftci and Christian Janiesch. A Nascent Taxonomy of Machine Learning in Intelligent Robotic Process Automation</p> <p>Rene Noel, Sergio España, Jose Ignacio Panach Navarrete and Oscar Pastor. Microservices-Aware Business Process Modelling</p>	<p>Keynote Ingo Weber. Blockchain and BPM - Reflections on Five More Years of Research and Applications</p> <p>Sion Israel Sion, Kaiwen Zhang, Alain April, Thomas Maketa Lutete and Charlaïne Bouchard. A Comprehensive Review of Multi-Chain Architecture for Blockchain Integration in Organizations</p> <p>Hassan Atwi, Tom Lichtenstein, Cesare Pautasso and Mathias Weske. Transparent Transaction Ordering in Blockchain-based Collaborative Processes</p> <p>Johannes Löbbecke, Thomas van Loo, Juergen Mangler, Zhendong Ma, Tomáš Pitner and Stefanie Rinderle-Ma. BPMS Blockchain Technology Soft Integration For Non-Tamperable Logging</p>	<p>Urszula Jessen, Alessandro Berti, Piotr Senkus and Michal Sroka. Creating a Crew of Analytical Agents: Leveraging Process Mining and Large Language Models for Enhanced Business Insights</p>



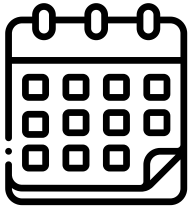


Wednesday, September 4th

• Demo & Resources

C7 building [411 and 412] / 14:00 - 16:15

Stand no	Authors	Title
1	Iris Beerepoot	A Month's Worth of Labelled Active Window Tracking Data
2	Tim Kräuter, Patrick Stünkel, Adrian Rutle, Yngve Lamo and Harald König	BPMN Analyzer 2.0: Instantaneous, Comprehensible, and Fixable Control Flow Analysis for Realistic BPMN Models
3	Remco Dijkman	SimPN: A Python Library for Modeling and Simulating Timed, Colored Petri Nets
4	Aaron Friedrich Kurz, Ronny Seiger, Marco Franceschetti and Barbara Weber	Activity and Sequence Detection Evaluation Metrics: A Comprehensive Tool for Event Log Comparison
5	Manuel García Romero, Antonio Martínez Rojas, José González Enríquez and Andrés Jiménez Ramírez	A Tool for Incorporating Eye Tracking Data in RPA: Enhancing User Behavior Logs
6	Julius Köpke and Aya Safan	Introducing the BPMN-Chatbot for Efficient LLM-Based Process Modeling
7	Aaron Küsters and Wil van der Aalst	Rust4PM: A Versatile Process Mining Library for When Performance Matters
8	Lisa Zimmermann	The Process Mining Question Forge
9	Carl Corea and Patrick Delfmann	Geo-Aware Process Mining
10	Jia Wei, Chun Ouyang, Weiguang Ma, Deyou Jiang, Jianglan Xia, Arthur ter Hofstede, Ying Wang and Lei Huang	From Conventional to IoT-Enhanced: Object-Centric Event Logs for Real-Life Logistics Processes
11	Andrei Buliga, Riccardo Graziosi, Chiara Di Francescomarino, Chiara Ghidini, Williams Rizzi and Massimiliano Ronzani	Nirdizati Light: A Modular Framework for Explainable Predictive Process Monitoring
12	Katsiaryna Lashkevich, Fredrik Milani, Maksym Avramenko and Marlon Dumas	Redesigning Business Processes to Reduce Waiting Times Using Large Language Models
13	Flavio Corradini, Luca Mozzoni, Jessica Piccioni, Barbara Re, Lorenzo Rossi and Francesco Tiezzi	BEAR: BPMN and Environment Animator
14	Orlenys López-Pintado, Jannis Rosenbaum, Jonas Berx and Marlon Dumas	Optimos: A Tool for Simulation-Driven Business Process Optimization
15	Alessandro Berti and Wil M.P. van der Aalst	CSV-PM-LLM-Parsing: Automatic Ingestion of CSV Event Logs for Process Mining using LLMs
16	Martin Kabierski, Christian Imenkamp, Agnes Koschmider and Matthias Weidlich	SpeciAL4PM: Species Analysis of Event Logs for Process Mining
17	Álvaro Bernal, Francisco Montero, Cristina Cabanillas, Pablo Fernández and Manuel Resinas	STATUS: A Low-Code Business Process Compliance Management System
18	Eric Amann and Patrick Delfmann	An Agent-Based Workflow Simulator

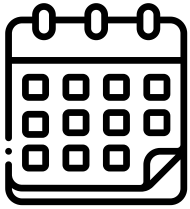


Thursday, September 5th

• General plan of the day

Time	U2 building	C7 building		
		[113]	[114]	[411]
08:00	Registration (U2 building)			
09:00 - 09:45	Keynote			
Coffee break (Krakus Restaurant, Reymonta 15, 30-059 Kraków)				
10:30 - 12:30	Main Session 7	BPM Forum 3	Industry Forum	EduForum 1
Lunch (Krakus Restaurant, Reymonta 15, 30-059 Kraków)				
14:00 - 15:30	Main Session 8	Tutorial 2	CEE Forum	EduForum 2
Coffee break (Krakus Restaurant, Reymonta 15, 30-059 Kraków)				
16:15 - 17:45	Main Session 9			Tutorial 5
17:45	Closing ceremony (U2 building)			
18:30	Farewell party - Studio Club			

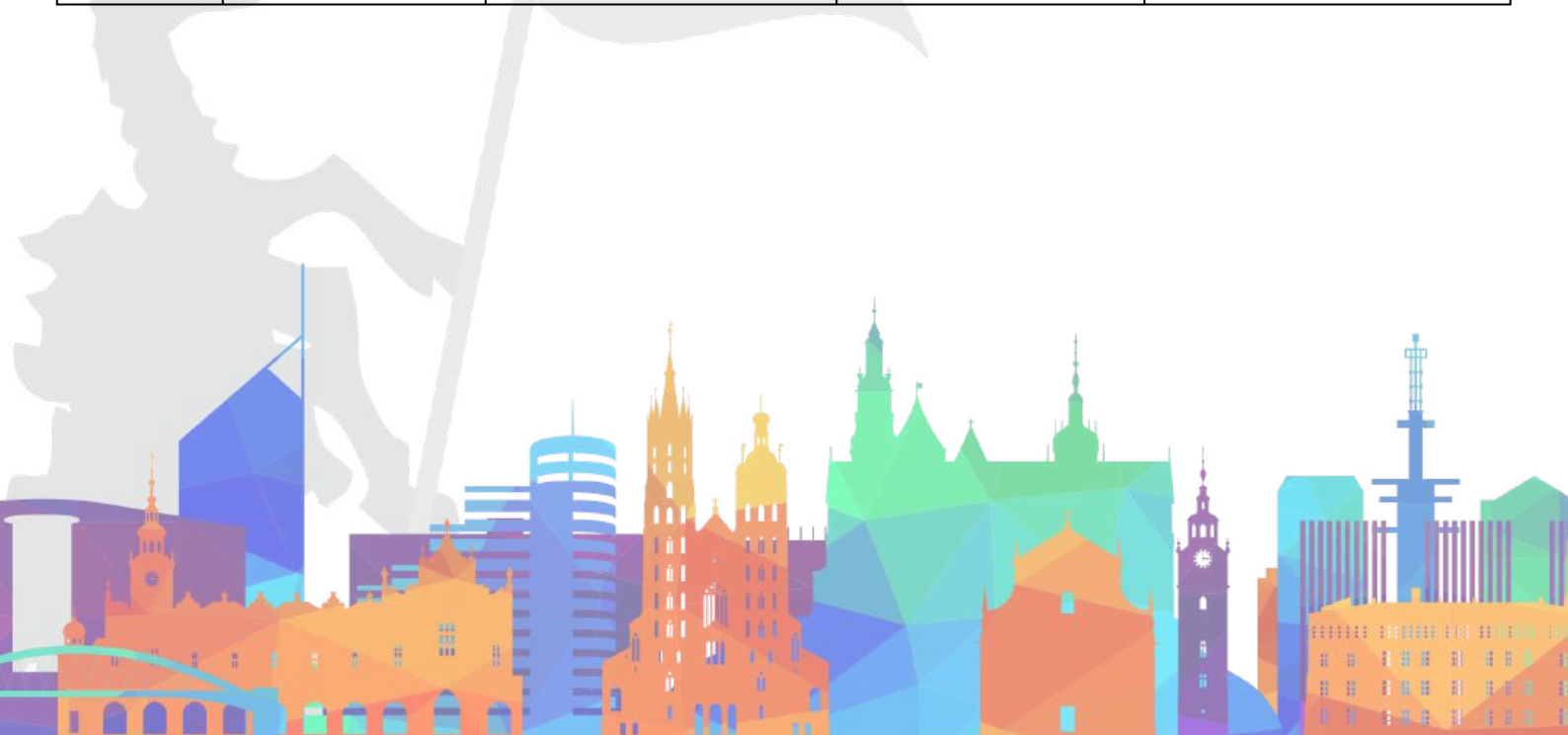


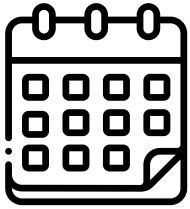


Thursday, September 5th

• Detailed daily schedule

Time	U2 building	C7 building		
		[113]	[114]	[411]
09:00 - 09:45	Keynote Tomasz Głowacki: "Next Generation of AI-driven Retail Processes"			
10:30 - 12:30	Main Session 7: Process Analysis and Optimization Chair: Karolin Winter	BPM Forum 3: Chair Laura Genga	Industry Forum	EduForum 1
	<p>Jan Niklas Adams, Emilie Hastrup-Kiil, Gyunam Park and Wil van der Aalst. Super Variants</p> <p>Katsiaryna Lashkevich, Fredrik Milani, Maksym Avramenko and Marlon Dumas. LLM-Assisted Optimization of Waiting Time in Business Processes: A Prompting Method</p> <p>Rafael Seidi Oyamada, Gabriel Marques Tavares, Sylvio Barbon Junior and Paolo Ceravolo. CoSMo: a Framework to Instantiate Conditioned Process Simulation Models</p>	<p>Francesca Zerbato, Marco Franceschetti and Barbara Weber. A Framework to Support the Validation of Process Mining Inquiries</p> <p>Manfred Baer and Ralf Plattfaut. Human Friendly Automation: A literature review on the role of the human factor in AI-driven business process automation</p> <p>Mikhail Monashev and Jan Mendling. Design Principles for Bots Supporting Case-Based Reasoning</p> <p>Jannis Kiesel and Elias Grünewald. Extending business process management for regulatory transparency</p> <p>Adrian Joas, Maren Gierlich-Joas, Charlotte Bahr and Janina Bauer. Towards leveraging Process Mining for Sustainability – An Analysis of Challenges and Potential Solutions</p> <p>Alexander Seeliger, Markus Schreiber, Florian Giger, Joachim Metternich and Max Mühlhäuser. Inferring Missing Event Log Data from IoT Sensor Data - A Case Study in Manufacturing</p> <p>Matthias Ehrendorfer, Jennifer Hebstreit, Juergen Mangler and Stefanie Rinderle-Ma. Interactive Drift Visualization in Sensor Data Streams for Explainable Process Outcome Prediction</p>	<p>Nazrina Khurshid, Stephen Palmier, Kerry Buijs and Christopher Klinkmüller. Building Organizational Process Mining Capability: Experiences at a Global Gaming Company</p> <p>Piotr Gawrysiak, Olga Kacprzak, Tomasz Romanowski and Kamil Żbikowski. Implementing a Process Mining framework in a large commercial bank - lessons learned</p> <p>Urszula Jessen, Lucas Schroth and Mario Mühllechner. From Data to Actionable Insights: Utilizing AI and Process Mining in Manufacturing Processes</p> <p>Clara Ziche and Giovanni Apruzzese. LLM4PM: A case study on using Large Language Models for Process Modeling in Enterprise Organizations</p> <p>Felix Mannhardt, Ragnhild Halvorsrud, Otas Meironas and Lasse Brurok. The Quest for the Comprehensive Customer Journey - A Case Study from a Circular Economy Marketplace</p>	<p>Mahendrawathi Er, Angelica Deviana and Ika Nurkasanah. Can Business Process Design Space Help Students Generate Innovative Process Redesign Ideas?</p> <p>Hans-Jürgen Scheruhn and Jan Mendling. Teaching Enterprise Resource Planning Systems and Business Process Management in Tandem using the Enterprise Online Guide</p> <p>Marzena Grzesiak, Krzysztof Kluza, Natalia R. Potoczek and Leszek Szała. Beyond Traditional Learning: The LLM Revolution in BPM Education at University</p> <p>Anna Suchenia, Karol Suchenia, Marek Adrian, Krystian Jobczyk, Piotr Wiśniewski and Antoni Ligeza. Order Selection Methodology of OMG Diagrams in Teaching Designing Information Systems</p> <p>Marzena Grzesiak and Marek Moszyński. Application of the flipped learning methodology at a Business Process Modelling course – a case study</p> <p>Ilia Maslov and Stephan Poelmans. Comprehension of (business) process models via tokens: an eye-tracking approach</p>

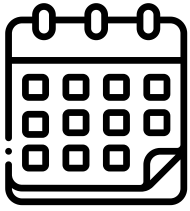




Thursday, September 5th

• Detailed daily schedule

Time	U2 building	C7 building		
		[113]	[114]	[411]
14:00 - 15:30	<p>Main Session 8: Data and BPM Chair: Han van der Aa</p> <p>Cheng Miao, Heemeng Ho, Elinor Tsen, John Gilmour and Ryan Kl Ko. SCP-BP Framework: Situational Crime Prevention for Managing Data Breaches in Business Processes</p> <p>Joscha Grüger, Martin Kuhn, Christoph Matheja and Andrey Rivkin. Data-aware Processes meet Probabilistic Programming</p> <p>Yotam Evron, Anna Zamansky and Pnina Soffer. Anticipating Data Inaccuracy Consequences in Business Processes: An Empirical Study</p>	<p>Tutorial 2</p> <p>Jana-Rebecca Rehse, Sander Leemans, Peter Fettke and Jan Martijn van der Werf. Process Miner, Are You Sure? Conducting Valid and Reliable Experiments in Process Mining</p>	<p>CEE Forum</p> <p>Marek Szelągowski, Justyna Berniak-Woźny, Audrone Lupeikiene and Jerzy Szewczyk. Telemedicine and BPM in Cardiac Rehabilitation: A Comprehensive Post-Myocardial Infarction Care Program Case Study</p> <p>Marek Szelągowski, Natalia Potoczek, Piotr Sliż, Justyna Berniak-Woźny, Aneta Napieraj, Marta Podobińska-Staniec, Arkadiusz Kozłowski and Piotr Senkus. Adapting to the Dynamic Nature of Business Processes in the Digital Age</p> <p>Marzena Grzesiak, Marek Szelągowski, Marek Moszyński and Justyna Berniak-Woźny. Enhancing Business Process Management Through Nature Assessment: Development and Deployment of the Business Process Nature Assessment Tool</p> <p>Mariusz Hofman, Grzegorz Grela, Paulina Orzelska and Jarosław Banaś. Adapting to Change: Employees Ambidexterity as a Driver for Operational Adaptability and Organizational Development</p> <p>Anna Suchenia, Karol Suchenia, Mateusz Ślaziński and Leszek Szała. The Role and Application of OMG Notations in IT: Analysis and Survey on the Effectiveness of Business Notations among IT companies in Poland</p> <p>Mateja Bule and Gregor Polančič. Extending CMMN for effective management of data in knowledge-intensive processes</p>	<p>EduForum 2</p> <p>Kate Revoredo and Saimir Bala. Project-Based Learning in BPM: Lessons from Flipped Classroom vs. Lecture-Based Instruction</p> <p>Silvia Inês Dallavalle de Padua, Marina Lourenção, Sérgio Adriany Santos Moreira and Luiz Ricardo Brito Ribeiro. Fostering BPM learning through PBL: Development and application of an educational framework</p> <p>Sonia Lippe, Franziska Bärtsch, Claudia Brönimann and Clemens Mader. Enabling BPM competencies through real-life student consulting projects</p> <p>Achim Dannecker and Lukas Meyer. Relevance of topics in workflow-based student projects</p> <p>Maximilian König, Maximilian Völker and Mathias Weske. From Design to Evaluation: Students Experiencing the BPM Lifecycle Hands-on</p> <p>Sabine Nagel and Patrick Delfmann. Towards an E-Learning Approach for Declarative Process Modeling</p>
16:15 - 17:45	<p>Main Session 9: Robotic Process Automation Chair: Iris Beerepot</p> <p>Artur Modlinski, Damian Kedziora, Joanna Kedziora, Andrzej Hak, Jarosław Motylewski, Hajo A. Reijers and Adela del-Río-Ortega. Techno-empowerment of Process Automation: Understanding Employee Acceptance of Autonomous AI in Business Processes</p> <p>Antonio Martínez Rojas, Antonio Rodríguez-Ruiz, José González Enríquez and Andrés Jiménez Ramírez. What's Behind the Screen? Unveiling UI Hierarchies in Process-Related UI Logs</p> <p>Maximilian Vitzethum, Alexander Mayr and Christian Janiesch. Categories of Business Value of Robotic Process Automation: A Study of Benefits and Challenges</p>			<p>Tutorial 5</p> <p>Vinicius Stein Dani, Henrik Leopold, Urszula Jessen and Jan Martijn E. M. van der Werf. Terminators of Process Mining Initiatives: Where to Find Them, What They Feed From, and How to Prevent Their Insurgence</p>
17:45	Closing ceremony			
18:30	Farewell party - Studio Club			



Friday, September 6th

• Polish BPM Symposium

Time	Polish BPM Symposium (in Polish language)
09:00 - 16:00	D14 building [Aula 03]
For more information, please see the website: https://bpm2024.agh.edu.pl/ .	

Time	Friday, September 6th	
10:00	Walking tour for BPM2024 Participants - Main Square	Start: Adam Mickiewicz's Statue



Conference Organizers

BPM 2024 Conference Chairs	
General Chairs	Edyta Brzychczy Krzysztof Kluza
Main conference PC Chairs	Michael Rosemann Andrea Marrella Manuel Resinas Mieke Jans
Workshop Chairs	Katarzyna Gdowska Maria Teresa Gómez López Jana-Rebecca Rehse
Demonstrations & Resources Chairs	Weronika T. Adrian Laura Genga Sander J.J. Leemans
Industry Forum Chairs	Iris Beerepoot Renata Gabryelczyk Ralf Plattfaut
Blockchain Forum Chairs	Claudio Di Ciccio Walid Fdhila
RPA Forum Chairs	Simone Agostinelli Daniel Amyot Henrik Leopold
Education Forum Chairs	Katarzyna Gdowska Thomas Grisold Piotr Sliz
CEE Forum Chairs	Michal Krčál Monika Malinova Mandelburger Gregor Polančič Katarina Tomičič-Pupek
Tutorial Chairs	Maximilian Röglinger Inge van de Weerd
Doctoral Consortium Chairs	Han van der Aa Benoît Depaire Marta Indulska
Journal First Track Chairs	Chiara Di Francescomarino Felix Mannhardt
Best BPM Dissertation Award Chair	Hajo Reijers
Publicity Chairs	Marco Comuzzi Arik Senderovich Sarah Winkler
Proceedings Chair	Simon Agostinelli
Diversity & Inclusion Chairs	Artur Lesner Andrea Marrella Adela del Río Ortega

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Conference Manager	Anna Smyk
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AGH – Location of venues

Polish BPM Symposium

D14 building

address: Antoniego Gramatyka 10
30-067 Kraków

Lunch building
address: Reymonta 15
30-059 Kraków

U2 building
Registration

A0 building
Welcome Party

C7 building

- room 014 and 015 on the ground floor
- room 113 and 114 on the first floor
- room 411 and 412 on the fourth floor



AGH – U2



Image source: AGH archive



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address: Władysława Reymonta 7, 30-059 Kraków



Main Conference Center



AGH – C7



Image source: <https://wh.agh.edu.pl/przeprowadzka-do-nowego-budynku-c7/>



Click and GO

address: Czarnowiejska 36, 30-054 Kraków



Conference rooms



AGH – A0



Image source: AGH archive



Click and GO

address: al. Adama Mickiewicza 30, 30-059 Kraków



The welcome party will take place in the main building of the university, which houses the seats of its authorities.



Club Studio



Image source: AGH archive

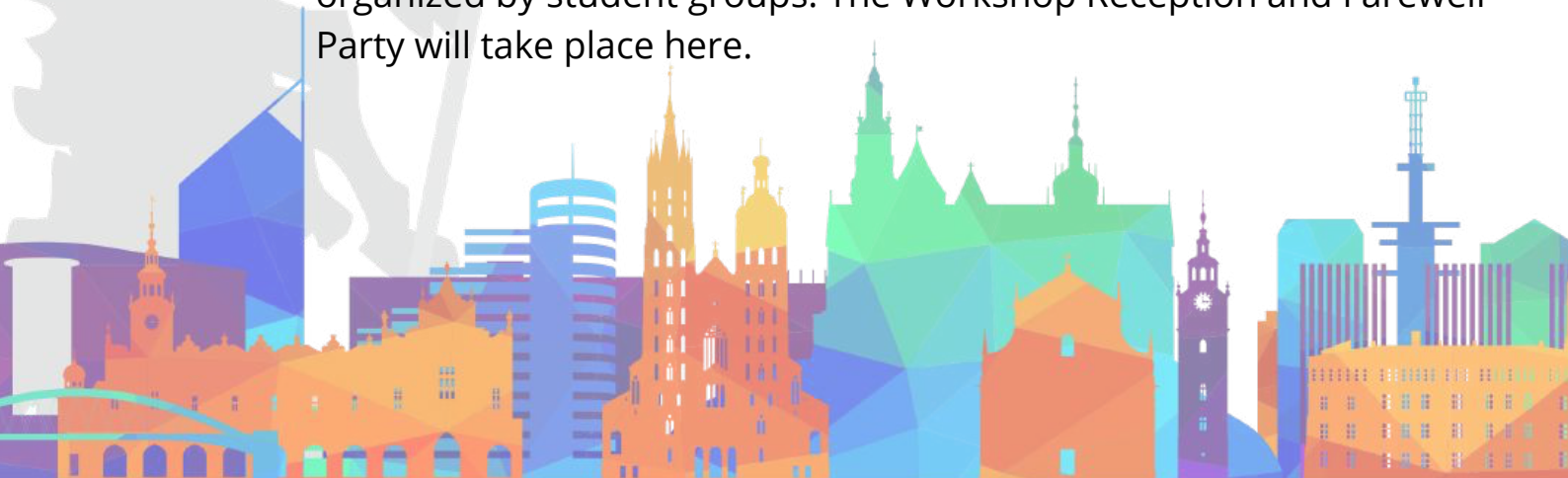


Click and GO

address: Witolda Budryka 4, 30-072 Kraków



The club is located on the AGH University campus, where our own university beer, called BGH, is brewed. Additionally, it serves as a performance hall catering to the needs of the student community. The Studio Club has hosted over 1,100 cultural events, including music concerts, cabaret performances, and various events organized by student groups. The Workshop Reception and Farewell Party will take place here.



Old Town



Image source: Canva



Image source: Canva



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address: Rynek Główny, 31-422 Kraków



The Main Market Square is the largest square in Krakow and one of the largest medieval marketplaces in Europe. Dating back to the 13th century, the square is surrounded by palaces and churches.



Wieliczka



Image source: Canva



Image source: Canva



Click and GO

address: Daniłowicza 10, 32-020 Wieliczka



The history of the Wieliczka Salt Mine dates back to the Middle Ages when it was known as Magnum Sal - Great Salt. By the 13th century, it was recognized as the largest salt center in Poland and became highly significant for the country's economy. Today, it is a world-famous tourist attraction, a venue for unusual events, and a health resort. The Gala dinner will take place here.



Błonia

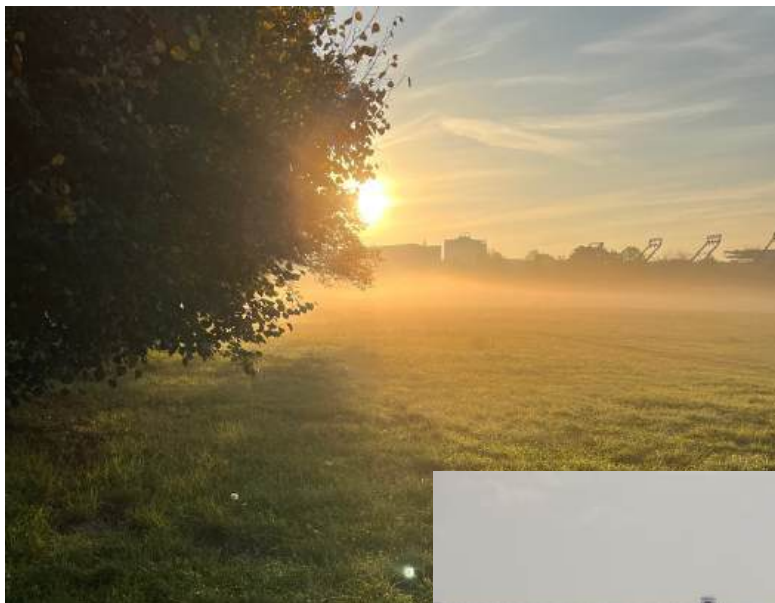


Image source: Private archive



Image source: Canva

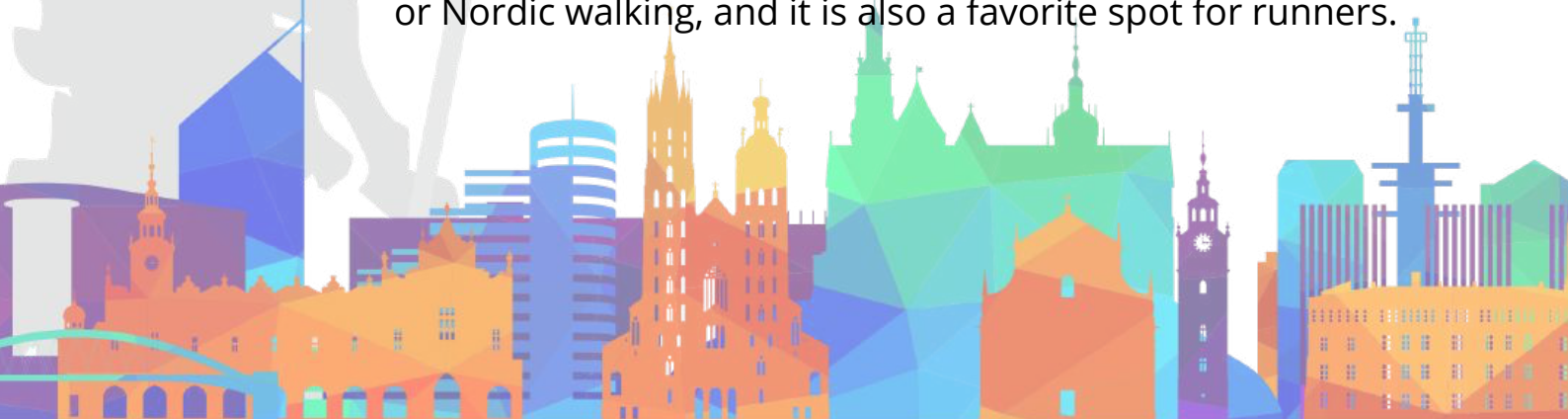


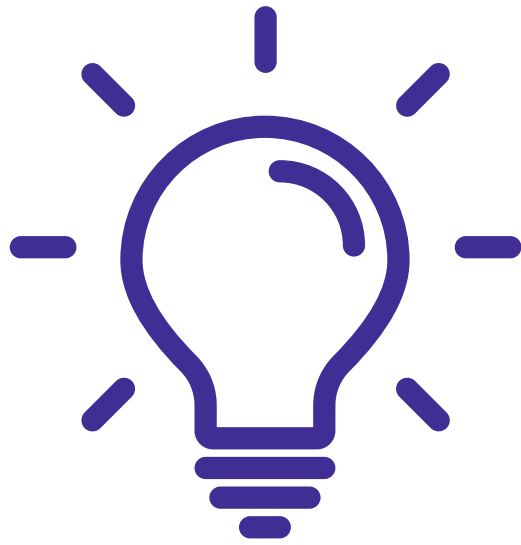
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address: Aleja 3 Maja, 30-062 Kraków



A vast meadow surrounded by walking and cycling paths, the Błonia is a popular location for organizing events. The area features wide paths that are ideal for walking, jogging, or Nordic walking, and it is also a favorite spot for runners.





Did you know that...?



History of AGH



On July 10, 1912, the authorities of Kraków received information about the government's decision to establish a mining academy in the city, and the academy opened in 1919.

AGH is a university focused on developing modern technologies. It conducts research in technical, exact, earth, and social sciences.

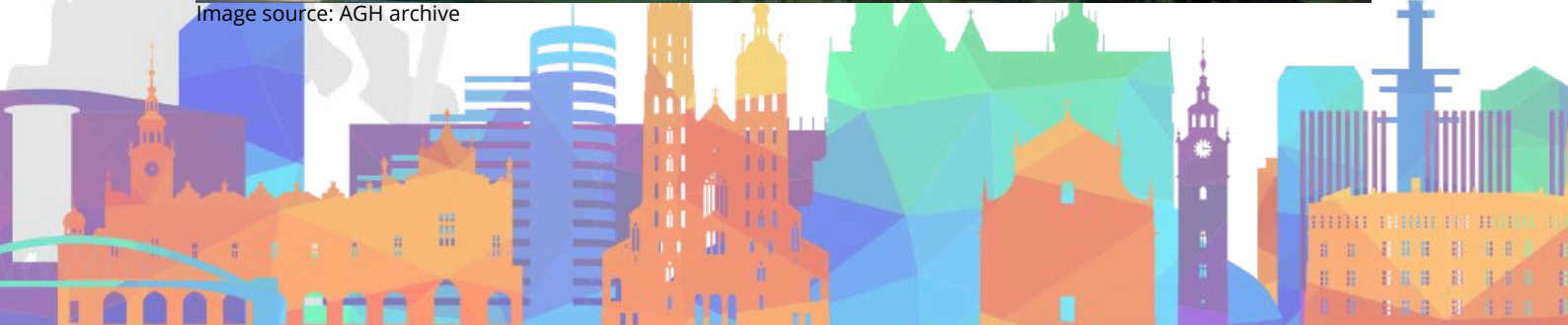
It is one of 10 Polish universities with the status of a research university.

The university comprises 17 faculties, the Academic Center for Materials and Nanotechnology, and several teaching centers.

AGH offers programs at the bachelor's, master's, and doctoral levels. It educates over 20,000 students and employs more than 2,100 academic staff, including over 200 professors and more than 500 associate professors.



Image source: AGH archive



ORAGH



The student brass band, founded in 2001, brings together young people who, in addition to studying various fields, also want to make music together.

2022

- **International Wind Orchestra Meetings Alte Kameraden in Gorzów Wielkopolski** – 1st place
- **XXXI International Wind Orchestra Festival Złota Lira in Rybnik** – 3rd place
- **International Orchestra Festival and Competition Golden Sardana 2022** – 2nd place

2023

- **II Polish Open Brass Band Championships** – 1st place concert category, 2nd place march category
- **Summer Stars of Durres Festival** – 1st place concert category



Image source: KSAF



Image source: KSAF



Krakus



"KRAKUS" is the oldest student folklore ensemble in Poland. It was established at AGH University of Science and Technology in Kraków in 1949 by Wiesław Białowąs.

The Ensemble presents original and authentic Polish folk art, artistically transformed and adapted to stage requirements. The dances, songs, and customs featured in the suites representing the Cracow, Silesia, Rzeszów, Sącz, Lublin, Kielce, Łowicz, Żywiec, and Beskid regions showcase the beauty and diversity of these areas.

Among the members of "KRAKUS" are students from AGH University and other universities in Kraków. They are united by a desire to develop their skills and a passion for folk dance, music, and song, participating in the three sections of the Ensemble: the ballet, choir, and orchestra.

During its 67 years of activity, "KRAKUS" has performed approximately 4,700 concerts in Poland and abroad. Its programs have received enthusiastic applause across Europe, as well as in Asia, Africa, North America, and South America.



Image source: KSAF

Brewery of AGH



On the occasion of the 100th anniversary of AGH University of Science and Technology in Kraków, the AGH Brewery was established in the Studio Club at AGH.

The invitation to co-create the Brewery extended not only to students, graduates, employees, and supporters of AGH but also to anyone interested in this extraordinary endeavor.

The establishment of the AGH Brewery highlights the rich cultural roots connecting brewing, mining, and the Academy, particularly through the traditional celebrations of Miner's Day and Steelmaker's Day. AGH has been organizing these celebrations in various forms since its inception.



Image source: Canva



Mariacki Bugle Call



The Mariacki Bugle Call is a melody in F major played every hour by a trumpeter from the northern tower of the Church of the Assumption of the Blessed Virgin Mary in Kraków. Two buglers, who are firefighters from the State Fire Service, take twenty-four-hour shifts, playing the melody 48 times a day. Each full hour, the bugle call is sounded four times in different directions.

The legend explains why the bugle call melody suddenly breaks off, as if unfinished:

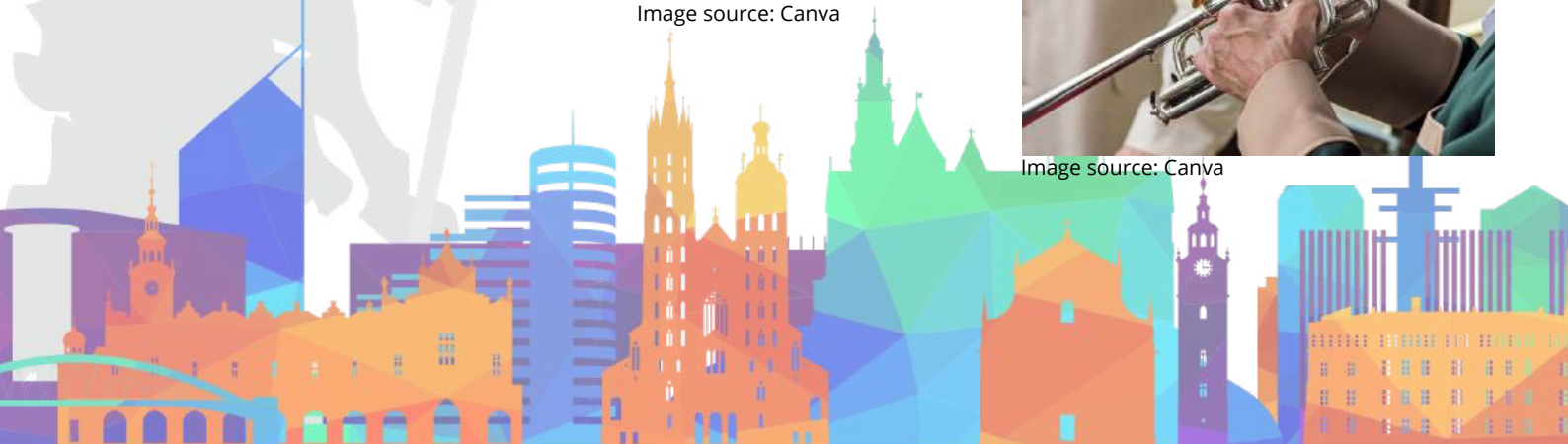
St. Mary's Church, with its two towers, was a key location in Kraków. From the higher tower, known as the hejnalica (which is also the tallest tower in the city), the city guard would signal with a trumpet in the morning to open the city gates and in the evening to close them. The guard would also sound the alarm if a fire or enemy approach was detected. One time, when the Tatars, who frequently attacked southern Poland, approached Kraków, the guard began to play the bugle call. The city gates were closed in time, but a Tatar arrow struck the Polish bugler's throat before he could finish the melody. In memory of this event, the melody always breaks off.



Image source: Canva



Image source: Canva



Map of useful locations in Kraków

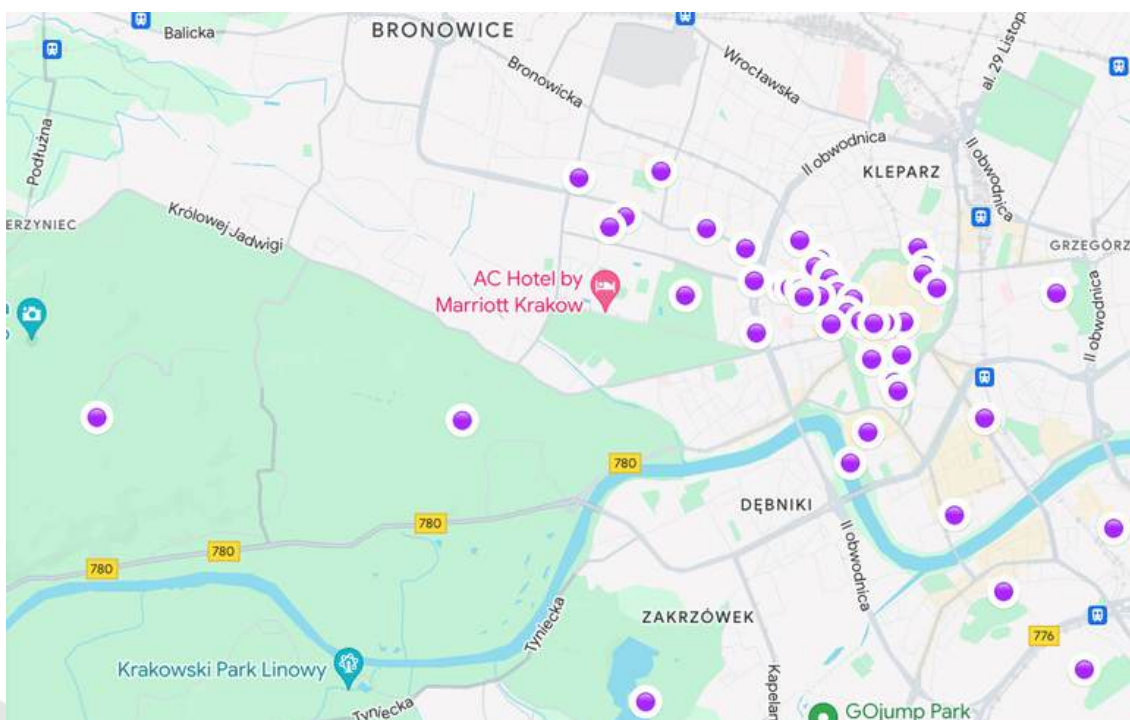


Image source: Google Maps



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