

Preface of the Process Management in the AI Era

in conjunction with IJCAI 2023

The second workshop on Process Management in the AI era (PMAI in short) was included as a workshop at the IJCAI 2023 conference, that is the premier international gathering of researchers in AI.

Achieving a synergetic combination between AI and Process Management (PM) poses foundational, conceptual, and technical challenges. The PMAI workshop aims at bringing together researchers from different research disciplines to promote the synergy between AI and PM to address these challenges in the domain of PM. This event was held as a one-day workshop, including an invited talk. The topics in the workshop covered theoretical foundations, technology development, and real-world applications associated with process management and AI, including eXplainable AI for process management and process mining, natural language processing, predictive and prescriptive monitoring, and trajectory mining.

The programme of PMAI 2023 was composed of one invited talk given by Prof. Claudio Di Ciccio, and 2 presentation sessions that included 2 full and 4 poster papers, accepted after undergoing a peer-reviewed process. We would like to thank Prof. Claudio Di Ciccio for his inspiring talk and all the contributing speakers for making PMAI 2023 a great event and a platform for knowledge sharing with the PM community, and for having lively discussions about significant and contemporary advances in the domain, featuring an exciting program that demonstrates novel work that arises from blending between the AI and PM disciplines. We hope there will be subsequent events of this sort in the future.

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