VIPRA 2024

1st Visual Process Analytics Workshop
Co-Located with EuroVis 2024

Odense, Denmark

May 27, 2024

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DOI: 10.2312/vipra.20242008

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Postfach 2926, 38629 Goslar, Germany

Published by the Eurographics Association
–Postfach 2926, 38629 Goslar, Germany–
in cooperation with
Institute of Computer Graphics & Knowledge Visualization at Graz University of Technology
and
Fraunhofer IGD (Fraunhofer Institute for Computer Graphics Research), Darmstadt

ISBN 978-3-03868-254-7

The electronic version of the proceedings is available from the Eurographics Digital Library at `https://diglib.eg.org`

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Keynote

You won't believe what can save process mining! [Answer at the end]

Andrea Burattin

Abstract

Over the last couple of decades, process mining has grown into a well-established discipline that aims to extract valuable knowledge regarding business processes, starting from execution data. As a discipline rooted in Computer Science, the focus of process mining has historically revolved around computational aspects (e.g., formal modeling and algorithms), oftentimes neglecting aspects related to results communication and understandability. As process mining algorithms have become more mature and more capable of handling unstructured settings, their application areas have broadened, for example, into healthcare, education, and law. In these domains, however, new vital challenges are emerging in communicating the results back to the end users, who are domain experts unfamiliar with process mining formalities. Leveraging the knowledge and experience acquired in visual analytics can help process mining define new approaches to deliver process mining insights and actionable results to domain experts.

Short Biography

Andrea Burattin has been an Associate Professor at the Technical University of Denmark since April 2019. Previously, he worked as an Assistant Professor at the same university and as a postdoctoral researcher at the University of Innsbruck (Austria) and at the University of Padua (Italy). In 2013, he obtained his Ph.D. degree through a joint Ph.D. School between the University of Bologna and Padua (Italy), which received the Best Process Mining Dissertation Award from the IEEE Task Force on Process Mining. He served as PC chair of ICPM in 2022, PC chair of BPM in 2023, and will be General Chair of ICPM in 2024. He also serves as the organizer of workshops and special issues and as a program committee member of several other conferences. He is a steering committee member of the IEEE Task Force on Process Mining.