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PREFACE

Research in Formal Concept Analysis (FCA) is growing both at the theoretical and practical settings, and this theory has been successfully used and even extended in many disciplines such as mathematics, computer science (CS), bioinformatics, engineering, sociology, and so on. In CS, studies are concentrated on numerous topics like data analysis, knowledge representation and discovery, software engineering, information retrieval, social network analysis, to name a few.

The objective of the workshop is to bring together researchers who are using FCA for real-life applications, and are interested to share their experience and exchange ideas with FCA community members. It aims at getting an overview of the diversity of applications of FCA on real data, and providing a forum to discuss the strengths, limitations and challenges of using FCA, as well as the successful and unsuccessful experiences with this theory. Feedback from application domain experts is also welcome.

Six papers were submitted. Each one of them was reviewed by four program committee members, and six papers were accepted and presented at the workshop. A discussion session followed the talks.

Authors of accepted papers will be invited to submit an extended version of their contribution in a special issue of an international journal.

The organizers of the workshop would like to thank all the authors for their contributions and the organizers of ICFCA’2021 for their support. Their warm thanks go also to the program committee members for their careful review of the submissions and their useful comments and suggestions, as well as to the three session chairs. Finally, the success of this event was possible thanks to the participation of forty-eight attendees.

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