

**Proceedings of the workshop on
Analyzing Real Data with Formal Concept Analysis
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Edited by

Agnès Braud *

Xavier Dolques *

Rokia Missaoui **

* ICube, Université de Strasbourg - CNRS, France

** LARIM, Université du Québec en Outaouais, Canada

Workshop organizers

Agnès Braud, ICube, Université de Strasbourg - CNRS, France
Xavier Dolques, ICube, Université de Strasbourg - CNRS, France
Rokia Missaoui, LARIM, Université du Québec en Outaouais, Canada

Program Committee

Jaume Baixeries, Universitat Politècnica de Catalunya, Spain
Sadok Ben Yahia, Tallinn University of Technology, Estonia
Karell Bertet, Laboratory L3I, University of La Rochelle, France
Agnès Braud, ICube, Université de Strasbourg - CNRS, France
Peggy Cellier, IRISA/INSA Rennes, France
Pablo Cordero, Universidad de Málaga, Spain
Miguel Couceiro, LORIA (CNRS - Inria - Université de Lorraine), Nancy, France
Diana Cristea, Babes-Bolyai University, Romania
Christophe Demko, Université de La Rochelle, France
Xavier Dolques, ICube, Université de Strasbourg - CNRS, France
Peter Eklund, Deakin University, Australia
Manuel Enciso, Universidad de Málaga, Spain
Sébastien Ferré, Université de Rennes 1, CNRS, IRISA, France
Jessie Galasso, Geodes, DIRO, Université de Montréal, Canada
Marianne Huchard, LIRMM, Université de Montpellier et CNRS, France
Mohamed Hamza Ibrahim, Zagazig university, Egypt
Dmitry Ignatov, National Research University Higher School of Economics, Moscow, Russia
Mehdi Kaytoue, Infologic R&D, France
Léonard Kwuida, Bern University of Applied Sciences, Switzerland
Florence Le Ber, ICube, Université de Strasbourg/ENGEES - CNRS, France
Engelbert Mephu Nguifo, LIMOS, Blaise Pascal University – CNRS, France
Rokia Missaoui, LARIM, Université du Québec en Outaouais, Canada
Emilio Muñoz-Velasco, Universidad de Málaga, Spain
Amedeo Napoli, LORIA (CNRS - Inria - Université de Lorraine), Nancy, France
Sergei Obiedkov, National Research University Higher School of Economics, Moscow, Russia
Manuel Ojeda-Aciego, Universidad de Málaga, Spain
Uta Priss, Ostfalia University, Germany
Christian Sacarea, Babes-Bolyai University, Romania
Henry Soldano, LIPN, Université Paris 13, France
Francisco José Valverde-Albacete, Universidad Carlos III de Madrid, Spain

CONTENTS

Preface	4
How to provide light to COVID data by means of FCA	5
<i>Domingo López-Rodríguez, Pablo Cordero, Manuel Enciso and Ángel Mora</i>	
Analyzing water monitoring data with RCA-based approaches	13
<i>Xavier Dolques, Agnès Braud, Corinne Grac and Florence Le Ber</i>	
Explicit versus Tacit Knowledge in Duquenne-Guigues Basis of Implications: Preliminary Results	20
<i>Johanna Saoud, Alain Gutierrez, Marianne Huchard, Pascal Marnotte, Pierre Silvie and Pierre Martin</i>	
Analyzing the composition of remedies in ancient pharmacopeias with FCA	28
<i>Agnès Braud, Xavier Dolques, Pierre Fechter, Nicolas Lachiche, Florence Le Ber and Véronique Pitchon</i>	
Mining the Groceries Database using Triadic Concept Analysis	36
<i>Pedro H. B. Ruas, Rokia Missaoui, Mark A. J. Song and Léonard Kwuida</i>	
Leveraging Formal Concept Analysis to Improve n-fold validation in Multilabel Classification	44
<i>Francisco J. Valverde-Albacete and Carmen Peláez-Moreno</i>	

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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Agnès Braud,

Xavier Dolques,

Rokia Missaoui