

Preface

The CLA conference is an international forum for researchers, practitioners and students dedicated to the practice of Formal Concept Analysis (FCA) and areas closely related to it, including data analysis and mining, information retrieval, knowledge management, knowledge engineering, logic, algebra and lattice theory.

The 15th of CLA, CLA 2020, was going to be held in Tallinn, Estonia organized by the Department of Software Science at Tallinn University of Technology, from June, 29th, to July, 1st, 2020. For this year's program four speakers were invited:

- Vassilis Kambouras, (International Hellenic University, Greece)
- Vladik Kreinovich (University of Texas at El Paso, USA)
- Ali Mili (New Jersey Institute of Technology, USA)
- Leo Vohanoudu (Tallinn University of Technology, Estonia)

Unfortunately the COVID-19 pandemic broke out early this year and we had to move to a virtual conference without the chances to carry out face-to-face interchange of ideas as the CLA community was wont to do in previous events. We are sure all virtual attendants will raise to the occasion and develop new manners of interaction so new ideas and techniques may arise.

CLA 2020 received 35 submissions out of which 21 were accepted as full papers and 2 as short papers. Two invited plenary speakers were also gracious enough to submit shortened summaries of their talks, despite the fact that they would not get the physical perks of attending the conference as honored guests! This volume includes all of these contributions.

In these troubled times, we would like to thank all authors and speakers for the extra effort to provided high quality contributions, and program committee members and external reviewers for their careful and timely review of submissions. We would also like to thank the CLA steering committee for the chance they gave us to contribute to the fostering of FCA and related areas. And special thanks go to the local committee who will make it possible for these proceedings to be published despite the fact that they will not be able to take pride in hosting the physical conference this year. We are all in your debt.

We would also like to thank the EasyChair conference organizing system for making much easier all tasks in the conference organizing workflow.

We hope to virtually meet you at CLA 2020 this year. Paraphrasing F. Herbert, “the lattice must flow!”

May, 2020

Francisco J. Valverde-Albacete
Martin Trnecka
CLA 2020 Program Chairs

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CLA 2020 was organized by Tallinn University of Technology.

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