

# International Joint Conference on Conceptual Knowledge Structures



Cádiz (Spain), Sep 9<sup>th</sup> – 13<sup>th</sup>, 2024

The *International Conference on Concept Lattices and Their Applications* (ICFCA), the *Conference on Formal Concept Analysis* (CLA) and the *International Conference on Conceptual Structures* (ICCS) are three highly relevant conferences in the field of formal concept analysis (FCA) and related areas. On October 2023, representatives of the three conferences approved the merging of the three conferences *CLA*, *ICCS* and *ICFCA* and creating a new joint event, the ***International Joint Conference on Conceptual Knowledge Structures*** (*CONCEPTS*).

This merger aimed to create a unified and comprehensive forum for researchers, academics, and professionals from various disciplines interested in formal concept analysis, conceptual structures, and related fields to exchange ideas, present their research, and discuss the latest advancements in these areas.

## TOPICS AND SCOPE OF THE CONFERENCE

Advanced computing architectures and new programming models; algorithms and complexity theory; analysis of "big data" with FCA, e.g., sampling, parallel computing; applications for scientific data analysis, e.g., in biology or health care; artificial intelligence in scientific computing; classification; clustering; computational humanities; computational physics; computational sociology; data preprocessing; education in computational science; FCA and conceptual structures, e.g., concept graphs, knowledge spaces; FCA and database theory, e.g., dependencies, rules, data cubes; FCA and information retrieval, e.g. exploratory search, navigation, querying; FCA and machine learning, e.g., learning with hypothesis, feature selection; foundations; parallel and distributed computing; philosophical foundations; problem-solving environments; quantum computing; scientific computing.

Sponsors:



<http://concepts2024.uca.es>

# CONCEPTS'24

## COMMITTEES

### General Chairs:

*Jesús Medina*

### Programme Co-chairs:

*Inma P. Cabrera*

*Sébastien Ferré*

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### Organizing Committee:

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*Samuel José Molina Ruiz*

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## IMPORTANT DATES

### JOURNAL TRACK:

- Submission deadline  
- March 6<sup>th</sup>, 2024
- Paper reviews sent to authors  
- May 3<sup>rd</sup>, 2024
- Revised submission  
- June 3<sup>rd</sup>, 2024
- Notification of acceptance  
- June 30<sup>th</sup>, 2024

### REGULAR PAPERS AND EXTENDED ABSTRACT:

- Abstract submission deadline  
- March 18<sup>th</sup>, 2024
- Full paper submission deadline  
- March 25<sup>th</sup>, 2024
- Notification of acceptance  
- May 15<sup>th</sup>, 2024
- Camera-ready papers due  
- May 30<sup>th</sup>, 2024