2nd International Joint Conference on Conceptual Knowledge Structures (CONCEPTS 2025)

Cluj-Napoca, România- September, 8th-12th, 2025

https://concepts2025.conference.ubbcluj.ro/

29th Intl. Conf. on Conceptual Structures (ICCS)
19th Intl. Conf. on Formal Concept Analysis (ICFCA)
18th Intl. Conf. on Concept Lattices and their Applications (CLA)

CONCEPTS, the International Conference on Conceptual Knowledge Structures is a merger of the three conferences CLA, ICCS, and ICFCA, which have been essential venues for researchers and practitioners working on theoretical and applied aspects of formal concept analysis and representation of conceptual knowledge, as well as closely related areas, such as data mining, information retrieval, knowledge management, and discovery.
CONCEPTS 2025, the second conference in this new series, aims to continue the tradition and standards of previous conferences and to become a key annual meeting for all members of the three communities, CLA, ICCS, and ICFCA, to keep abreast of the advances and new challenges in the field.

Main topics include but are not limited to:
- Fundamental aspects of Formal Concept Analysis (e.g., FCA theory, concept lattices, algorithms and computational complexity)
- Conceptual graphs, graph-based models for human reasoning
- Knowledge spaces and learning spaces
- Fuzzy, relational, and/or triadic conceptual structures
- Conceptual knowledge acquisition, management, exploration, analysis, and/or visualization
- Probabilistic or approximative approaches to conceptual knowledge
- Bridging conceptual structures to information sciences, artificial intelligence, data mining, machine learning, information retrieval, database theory, software engineering, and other areas of computer science
- Ontologies, semantic web, knowledge graphs, and their relation to conceptual knowledge structures such as concept lattices and conceptual graphs.
- Conceptual structures in natural language processing and linguistics
- Understanding real-world data and modeling real-world phenomena with conceptual structures (e.g., applications in digital humanities, cybersecurity, biology, medicine, social network analysis)
- Psychology, philosophy, and conceptual structures.

Submission details:
Submissions are invited on significant, original (previously unpublished) research on the topics of the conference:

- Journal-track papers up to 26 pages, to be published in a special issue of the [International Journal of Approximate Reasoning (IJAR)](#);
- Regular papers up to 16 pages and short papers up to 8 pages are to be published by Springer in the LNAI series as a proceedings volume.

All submissions will be subject to single-blind peer review. Accepted papers have to be presented at the conference on-site. Therefore, at least one author per paper has to register timely and attend the conference on-site.

Important dates and submission instructions:
Journal-track submissions
- Full paper submission: **March 23, 2025 (AoE)**
- Paper reviews sent to authors: **May 9, 2025**
- Revised submission: **June 9, 2025**
- Notification of acceptance: **July 6, 2025**

Manuscripts must be submitted via the *International Journal of Approximate Reasoning* online submission system (Editorial Manager®):
https://www.editorialmanager.com/ija/default2.aspx
Please select the article type "**VSI: CONCEPTS 2025**" when submitting your manuscript online.

Regular and short papers
- Abstract submission: **March 24, 2025 (AoE)**
- Full paper submission: **March 31, 2025 (AoE)**
- Notification of acceptance: **May 21, 2025**
- Camera-ready papers due: **June 5, 2025**
Submission link: https://equinocs.springernature.com/service/concepts2025
Please select the appropriate category for your submitted manuscript, "regular paper" or "short paper." Please visit the page [Information for authors](#) on Springer's website for templates and formatting style.

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We look forward to meeting you in Cluj-Napoca.
Please, feel free to contact us for any further information.
Sincerely yours,
Peggy Cellier, Bernhard Ganter, and Rokia Missaoui

CONCEPTS 2025 Program chairs
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