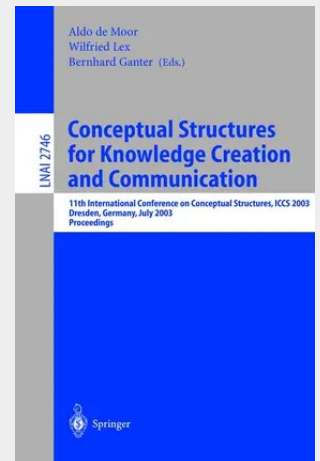


Conceptual Structures for Knowledge Creation and Communication

11th International Conference on Conceptual Structures, ICCS 2003, Dresden, Germany, July 21-25, 2003, Proceedings

This volume contains the proceedings of ICCS 2003, the 11th International Conference on Conceptual Structures. This conference series continues to be the main forum for the presentation and discussion of state-of-the-art research on conceptual structures. The theories, methodologies, and techniques presented here have grown considerably in scope in recent years. On the other hand, solid bridges spanning the boundaries between such diverse fields as Conceptual Graphs, Formal Concept Analysis, and others are increasingly being built in our community. The theme of this year's conference was "Conceptual Structures for Knowledge Creation and Communication". In our increasingly (Inter)networked world, the potential support of information technology for the creation and communication of quality knowledge is almost boundless. However, in reality, many conceptual barriers prevent the use of this potential. The main problem is no longer in the technological infrastructure, but in how to navigate, use, and manage the wealth of available data resources. Thus, the question is: how to create and communicate from data the information and ultimately the knowledge required by an ever more complex and dynamic society? Conceptual structures research focuses on what is behind and between the data glut and the information overload that need to be overcome in answering this question. In this way, our field contributes important ideas on how to actually realize some of the many still ambitious visions. All regular papers were reviewed in a thorough and open process by at least two reviewers and one editor.

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