



Ontologies, Ontology Development and Evaluation

Guest Editors:

Dr. Haridimos Kondylakis

Institute of Computer Science,
Foundation for Research and
Technology-Hellas (FORTH),
Science and Technology Park of
Crete, N. Plasthra 100, Vassilika
Vouton, GR 700 13 Heraklion,
Greece

Dr. Nikolaos Papadakis

Department of Electrical and
Computer Engineering, Hellenic
Mediterranean University, 71410
Estavromenos, Greece

Deadline for manuscript
submissions:

closed (15 September 2021)

Message from the Guest Editors

Dear Colleagues,

According to Gruber, an ontology is a specification of a conceptualization. Ontologies play a key role in the development of the semantic web as they attempt to represent entities, ideas and events, and offer a way of semantically uplifting the available data, with their quality and value becoming augmented over time.

For this Special Issue of *Algorithms*, we would like to invite authors to contribute articles dealing with the design, implementation and usage of various ontologies addressing real world problems and also methodologies guiding ontology development. Of particular interest are methodologies and systems proposed for evaluating the available ontologies, leading to better structured and higher quality ontologies in the long term.

Dr. Haridimos Kondylakis

Dr. Nikolaos Papadakis

Guest Editors





Editor-in-Chief

Prof. Dr. Frank Werner

Faculty of Mathematics, Otto-
von-Guericke-University, P.O. Box
4120, D-39016 Magdeburg,
Germany

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Ei Compendex](#), and [other databases](#).

Journal Rank: [CiteScore - Q2 \(Numerical Analysis\)](#)

Contact Us

Algorithms Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/algorithms
algorithms@mdpi.com
[X@Algorithms_MDPI](https://twitter.com/Algorithms_MDPI)