



CALL FOR PAPERS

ICKRR 2022
Apr 08-09, 2022
Athens, Greece

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICKRR 2022 : International Conference on Knowledge Representation and Reasoning is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Knowledge Representation and Reasoning. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Argumentation
Belief revision and update, belief merging, information fusion
Computational aspects of knowledge representation
Concept formation, similarity-based reasoning
Contextual reasoning
Description logics
Explanation finding, diagnosis, causal reasoning, abduction
Inconsistency- and exception tolerant reasoning, paraconsistent logics
KR and autonomous agents, cognitive robotics, multi-agent systems, logical models of agency
KR and data management, ontology-based data access, queries and updates over incomplete data
KR and decision making, decision theory, game theory and economic models

KR and machine learning, inductive logic programming, knowledge discovery and acquisition
KR and the Web, Semantic Web, formal approaches to knowledge bases
KR in games, general game playing, reasoning in video games and virtual environments, believable agents
KR in natural language understanding and question answering
KR in image and video understanding
Logical approaches to planning and behavior synthesis
Logic programming, answer set programming, constraint logic programming
Nonmonotonic logics, default logics, conditional logics
Reasoning about norms and organizations, social knowledge and behavior
Philosophical foundations of KR
Ontology languages and modeling

