Portugal July 20-23, 2026

CONFERENCE WEBSITE: https://kr.org/KR2026/

About the Conference

Knowledge Representation and Reasoning (KR) is a well-established and vibrant field of research within Artificial Intelligence. KR builds on the fundamental thesis that knowledge can often be represented in an explicit declarative form, suitable for processing by dedicated symbolic reasoning engines. This enables the exploitation of knowledge that would otherwise be implicit through semantically grounded inference mechanisms. KR has contributed to the theory and practice of various areas of AI, including agents, automated planning, robotics and natural language processing, and to fields beyond AI, including data management, semantic web, verification, software engineering, computational biology, and cybersecurity.

The KR conference series is the leading forum for timely, in-depth presentation of progress in the theory and practice of the representation and computational management of knowledge.

In addition to the Main track, KR 2026 will include two special thematic tracks:

Important Dates

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CONFERENCE DATE

July 20-23, 2026

KR meets Machine Learning and Explanation:
https://kr.org/KR2026/call_kr_meets_mlx.html
KR in the Wild:
https://kr.org/KR2026/call_kr_in_the_wild.html

KR 2026 will also include a Recently Published Research track (https://kr.org/KR2026/call_recently_published.html), a Video track (https://kr.org/KR2026/call_video_track.html), tutorials, workshops (https://kr.org/KR2026/call_tutorial_and_workshop.html), and a Doctoral Consortium (https://kr.org/KR2026/call_doctoral_consortium.html).

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Call for Papers: Main Track
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We solicit papers presenting novel results on the principles of KR, which clearly contribute to the formal foundations of the field or show the applicability of KR techniques to implemented or implementable systems. We welcome papers from other areas that demonstrate clear use of, or contributions to, the principles or practice of KR. We also encourage "reports from the field" of applications, experiments, developments, and tests.

Important Dates

The deadlines are AoE - Anywhere on Earth (UTC-12).

Submission of title and abstract: February 8, 2026
Paper submission deadline: February 13, 2026
Author response period: March 24-28, 2026
Notification of acceptance: April 13, 2026
Camera-ready due: May 3, 2026
Conference dates: July 20-23, 2026

Topics of Interest

Typical topics of interest include the following, but the list is not exhaustive. The conference welcomes all topics concerned with the explicit representation or management of knowledge, and with the automated inference on the basis of such knowledge.

Argumentation
Belief change
Common-sense reasoning
Computational aspects of knowledge representation
Description logics
Ethical considerations in KR
Explanation, abduction and diagnosis
Geometric, spatial, and temporal reasoning
Inconsistency- and exception-tolerant reasoning
Knowledge acquisition
Knowledge compilation, automated reasoning, satisfiability and model counting
Knowledge representation languages
Logic programming, answer set programming
Model learning for diagnosis and planning
Modeling and reasoning about preferences
Modeling constraints and constraint solving

Multi- and order-sorted representations and reasoning
Non-monotonic logics
Ontologies and knowledge-enriched data management
Philosophical foundations of KR
Qualitative reasoning
Reasoning about actions and change, action languages
Reasoning about knowledge, beliefs, and other mental attitudes
Reasoning in knowledge graphs
Reasoning in multi-agent systems
Semantic web
Similarity-based and contextual reasoning
Uncertainty and vagueness

Submission Guidelines for the Main Track

Submissions should be anonymous and will be subject to double-blind peer review. Contributions may be regular papers (up to 9 pages) or short papers (up to 4 pages), including abstract, figures, and appendices (if any) but excluding references and acknowledgements. Papers must be written in English and must be formatted according to the style files that will be provided on the website.

Accepted papers will be published in the KR 2026 proceedings. At least one author of each accepted paper is required to participate in the conference and present the work.

Top papers from KR 2026 will be invited to the award-winning paper tracks of Artificial

Intelligence (AIJ) and the Journal of Artificial Intelligence Research (JAIR). Thus, award winners will have the possibility of choosing between AIJ and JAIR.

All submissions will be treated confidentially until the publication date.

TOPICS OF INTEREST

2 topics

Research papers are invited in, but not limited to, the following areas:

- Uncategorized
- Artificial Intelligence & Machine Learning

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