

CALL FOR PAPERS

Argument & Computation Special Issue

25 years since Douglas Walton's "Argumentation Schemes for Presumptive Reasoning"

Douglas Walton's book on "Argumentation Schemes for Presumptive Reasoning" (1996) represented a milestone in the current research in argumentation studies and artificial intelligence. The arguments used in everyday reasoning had been addressed by several monographs, starting from Perelman and Olbrechts-Tyteca "The new Rhetoric" and going through many developments concerning fallacy analysis, dialogue systems and argument structure. Walton's book represented a turning point for the treatment of natural arguments. He provided tools allowing to analyze the logical, semantic and pragmatic dimensions of arguments and their flaws, connecting the patterns of argument to critical questions and the contexts of dialogue in which they can be adequately used.

Argumentation schemes have become a fundamental instrument in several areas. Their organization, classification, and connection with other disciplines have allowed applications in fields such as education, law and artificial intelligence. Specific research areas that involve argumentation schemes as a fundamental theoretical ground include AI & law, argument mining, multiagent communication, and decision-making.

The Argument & Computation journal is planning a special issue to celebrate the 25th anniversary of this fundamental contribution. The aim of the special issue is to provide an overview of how argumentation schemes are used in Artificial Intelligence and how they have been developed theoretically and applied empirically in this field.

The planned schedule is as follows.

15 November 2020:	Submissions (see details below)
15 March 2021:	Notification and reviews sent to authors
30 April 2021:	Submission of revised versions
31 May 2021:	Final acceptance decisions
30 June 2021:	Submission of camera-ready versions
Fall 2021:	Publication of the special issue

An expression of interest to submit a paper is welcome and helps the editorial process.

To submit a paper to the special issue please use the regular journal submission procedure available at:

<https://www.submissions.iospress.com/argument-and-computation/>

selecting "Article in Special Issue (note in cover letter)" in the field Submission type and indicating "Argumentation Schemes 25" in the field Cover letter.

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