

**Journal of Applied Logic**  
**Special Issue on**  
**Empirically Successful Computerized Reasoning (ESCoR)**

Deadline: 4 December 2006

<http://www.cs.man.ac.uk/~schmidt/ESCoR>

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**Important Dates:** (updated)

December 4, 2006    Submission deadline  
February 12, 2007    Acceptance notification  
March 12, 2007    camera-ready papers due

**Further information:**

Please feel free to send any questions to  
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Up-to-date information will be available from  
the special issue website.

**Useful websites**

ESCoR Special issue:  
<http://www.cs.man.ac.uk/~schmidt/ESCoR/>

Journal of Applied Logic:  
<http://www.elsevier.com/locate/jal/>

ESCoR Workshop:  
<http://www.cs.miami.edu/~geoff/Conferences/ESCoR/>

ESCoR Workshop proceedings:  
<http://ceur-ws.org/Vol-192>

**Scope:** The special issue is devoted to all aspects of the implementation and deployment of working computerized reasoning systems. Reasoning in all forms (automated, interactive, etc) and all logics (classical, non-classical, all orders, etc) is of interest to the special issue. We welcome contributions on the following topics:

Systems:

- Implementation techniques and comparisons
- Data structures and algorithms for the efficient representation of terms, formulae, search states, etc., e.g. new indexing techniques, efficient implementation of simplification orderings, etc.
- Higher level data structures and formats for the representation of proof tasks and derivations, proof and lemma storage, etc.
- Implemented and evaluated heuristics
- Implemented and evaluated user interfaces

Applications:

- Descriptions of computerized reasoning solutions in application domains
- Experiences with practical applications
- Encoding of domain problems into logic, and decoding of logic solutions into the domain
- Special reasoning techniques for applications
- User interfaces
- System integration

Papers on related subjects will also be considered. Submissions should discuss aspects of “really working” systems and applications, and should not focus on theoretical ideas that have not yet been translated into working software.

**The journal:** The *Journal of Applied Logic* is an international journal published by Elsevier. The journal welcomes papers in the areas of logic which can be applied in other disciplines as well as application papers in those disciplines, the unifying theme being logics arising from modelling the human agent.

**Submissions:** We expect full, high-quality papers of original, previously unpublished research, which are written in English, and are not simultaneously submitted for publication elsewhere. Papers previously presented in conference proceedings of limited circulation may be judged eligible for publication in revised form. Please add a comment about such prior presentation in the abstract field at the time the manuscript is submitted via the on-line submission system.

The normal reviewing process for journals will be used and papers should conform to the usual high standard of international journals. Submissions should be formatted according to JAL’s author guidelines, and preferably be written in LaTeX. To be considered, submissions must be received no later than December 4, 2006.

Submission is via the EasyChair on-line submission system at <http://www.easychair.org/ESCoRJAL2007/>.