

K-CAP 2007 WORKSHOP: Knowledge Capture and Constraint Programming (KCCP-07)

Constraint programming (CP) has been successfully applied to many real-world problems, including scheduling, planning, resource allocation and decision support. However, modelling a problem within the CP framework requires significant expertise, and humans often find it difficult to articulate their constraints. Few tools have been built to this point that address knowledge acquisition and maintenance for CP systems. At the same time, the CP approach offers techniques and ideas that may benefit the knowledge capture community. For example, consistency algorithms from CP can be used to remove or downplay user options that are inconsistent with existing knowledge.

The workshop on Knowledge Capture and Constraint Programming will bring together researchers and application developers from the constraint programming and knowledge capture communities. Its goal is to promote the exchange of knowledge and ideas, and to highlight possible future challenges for interactive knowledge acquisition and maintenance. The intention is to promote multidisciplinary research that will eventually be beneficial for both the constraint programming and knowledge capture communities.

The workshop solicits contributions on topics including, but not limited to:

Knowledge capture for constraint programming: acquiring, modelling, and debugging constraints and heuristics for CP and related tasks. Interactive approaches.

Constraint programming for knowledge capture: applying constraint-based modeling, search and inference methods to knowledge capture problems.

For more details, please visit <http://www.isi.edu/~blythe/kccp07>

Submissions:

We invite short papers, limited to 10 pages, which describe ongoing work or new ideas within the scope of the workshop. Papers may also be in the form of a position statement, indicating a writer's particular opinion on a subject related to the workshop.

Submission procedure: Please email submissions, in PDF format only, to tnordlander@4c.ucc.ie before 15th July (2007).

Submission format: Please use this [Word template](#), which is based on the official ACM templates for proceedings. In accordance with requirements of the ACM digital library, please include categories and subject descriptors that best describe your submission. The hierarchy of descriptors can be found [here](#). You may include optional keywords. Note that reviewer assignments will be based on the contents of the abstract, as well as these descriptors and keywords. Accepted papers will be published in the K-CAP 2007 workshop proceedings.

Dates:

Paper submission deadline:	July 15, 2007
Notification of acceptance:	August 15, 2007
Deadline for Camera-ready copy:	October 1, 2007
KCCP-07 Workshop:	October 28, 2007

Contributions & general queries should be sent to:

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