Artificial Intelligence for Engineering Design, Analysis and Manufacturing (2013), *27*, 425.
© Cambridge University Press 2013 0890-0604/13 $25.00
doi:10.1017/S0890060413000437

CALL FOR PAPERS

AIEDAM Special Issue, May 2015, Vol. 29, No. 2
Analogical Thinking

Guest Editors: Li H. Shu & Ashok K. Goel

This Special Issue of *AI EDAM* will be devoted to papers concerned with analogical thinking.

Analogical thinking involves the use of analogies for a variety of tasks such as

1. generating novel concepts (design by analogy) and
2. helping explain existing and new concepts.

We welcome papers that report the study of analogies (and metaphors) not only in design but also more generally in engineering, analysis, and manufacturing, as well as design education. We welcome work describing cognitive studies, computational theories, and interactive tools.

One challenge in analogical thinking is that researchers mean different things by the term *analogy*, for example, featural, conceptual, and relational similarity. Therefore, we ask that authors clearly characterize what they mean by analogy in their work.

Suitable topics include (but are not limited to) the following:

- Sources of analogy/metaphor in design/education
- Identification of analogies/metaphors
- Represention/communications of analogies/metaphors
- Applications of analogies/metaphors
- Types of analogies/metaphors selected/formed
- Effectiveness in and of using analogies/metaphors

All submissions will be anonymously reviewed by at least three reviewers. The selection for publication will be made on the basis of these reviews.

Information about the format and style required for *AI EDAM* papers can be found at http://aiedam.usc.edu/index.php/Authors/ForAuthors

Note that all inquiries and submissions for the Special Issue go to the Guest Editors, **not** to the Editor in Chief.

Important Dates

Intent to submit (Title & Abstract):	As soon as possible
Submission deadline for full papers:	February 1, 2014
Reviews due:	June 1, 2014
Notification and reviews due to authors:	June 15, 2014
Revised papers due from authors:	September 1, 2014

Guest Editors

Li H. Shu
Department of Mechanical & Industrial Engineering
University of Toronto
5 King's College Road
Toronto, ON M5S 3G8, Canada
E-mail: shu@mie.utoronto.ca

Ashok K. Goel
School of Interactive Computing
Georgia Institute of Technology
Technology Square Research Building
85 Fifth Street NW
Atlanta, GA 30332-0280, USA
E-mail: goel@cc.gatech.edu

https://doi.org/10.1017/S0890060413000437 Published online by Cambridge University Press