# Information Sciences and Technologies Bulletin of the ACM Slovakia



P. Lacko

**Emergence of Game Strategy in Multiagent Systems** 

57

## Aim and Scope of the Information Sciences and Technologies Bulletin of the ACM Slovakia

ACM Slovakia offers a forum for rapid dissemination of research results in the area of computing/informatics and more broadly of information and communication sciences and technologies. It is primarily a web based bulletin publishing results of dissertations submitted at any university in Slovakia or elsewhere, perhaps also results of outstanding master theses. Besides that, conferences that meet bulletin's expectations with regard to scientific rigor are invited to consider publishing their papers in the bulletin in form of special issues. Besides the web version of the bulletin, a paper version is will be available, too.

#### The Bulletin aims:

- To advance and to increase knowledge and interest in the science, design, development, construction, languages, management and applications of modern computing a.k.a. informatics, and more broadly of information and communication sciences and technologies.
- To facilitate a communication between persons having an interest in information and communication sciences and technologies by providing a forum for rapid dissemination of scholarly articles.

#### Scope of the Bulletin is:

original research in an area within the broader family of information sciences and technologies, with a particular focus on computer science, computer engineering, software engineering and information systems, and also other similarly well established fields such as artificial intelligence or information science.

#### Types of contributions:

• Extended abstracts of doctoral dissertations.

This is the primary type of article in the Bulletin. It presents main contributions of the dissertation in form of a journal paper together with separate section with list of published works of the author. Its length is typically 6-12 pages (of Bulletin style based on the ACM SIG style). In Slovakia and the Czech Republic, it corresponds to typical length of so called *autoreferat*. In fact, it is envisaged that publishing the extended abstract in the Bulletin makes *autoreferat* obsolete and eventually can replace it completely. It should be noted that by publishing it in the Bulletin, the extended abstract will receive a much wider dissemination.

Exceptionally, at the discretion of the Editorial Board, the Bulletin may accept extended abstracts of other than doctoral theses, e.g. Master theses, when research results reported are sufficiently worthy of publishing in this forum. Rules and procedures of publishing are similar.

• Conference papers. The Bulletin offers organizers of interesting scientific events in some area within the scope of the Bulletin to consider publishing papers of the Conference in the Bulletin as its special issue. Any such proposal will be subject of discussion with the Editorial Board which will ultimately decide. From the scientific merit point of view, method of peer reviewing, acceptance ratio etc. are issues that will be raised in the discussion.

Besides that the Bulletin may include other types of contributions that will contribute to fulfilling its aims, so that it best serves the professional community in the area of information and communication sciences and technologies.

To promote the importance of research orientation at all three levels of university studies, the Bulletin is open to publish lists of best Master theses as evaluated by the proposing university, provided the evaluation has a strong emphasis on research contribution of the thesis, and provided that the list includes no more than 5–10% of theses in the graduating cohort. Typically, strong emphasis on research leads to selecting only those theses that have been already published as a research paper in scientific journal or conference (or submitted to publishing) by the students. If these criteria are met also by Bachelor graduates, than list of best Bachelor theses may be published as well. It is envisaged that this service will be offered to universities regularly, e.g. on an annual basis.

#### **Editorial Board**

#### **Editor in Chief**

Pavol Návrat

Faculty of Informatics and Information Technologies, Slovak University of Technology in Bratislava, Slovakia

#### Associate Editor in Chief

Mária Bieliková

Faculty of Informatics and Information Technologies, Slovak University of Technology in Bratislava, Slovakia

#### Members:

**TBA** 

Executive Editor: Peter Lacko Copy Editor: Anton Andrejko Cover Design: Peter Lacko

Typeset in  $\mathtt{IAT}_{\mbox{E\!\!\!/} X}$  using style based on ACM SIG Proceedings Template

#### Instructions to the authors

#### **Publishing procedure**

All contributions are web-published. A contribution is published without unnecessary delay right after it has been accepted. Contributions are published on the fly in the current issue. It is at the discretion of the Editor-inchief to determine, when the current issue is closed and a subsequent new one is open. There will be at least two issues in a year but it is left up to the Editor-in-chief to adjust periodicity of the Bulletin to actual needs.

Extended abstracts of theses is the primary type of article in the Bulletin. Each extended abstract will by annotated by identifying the thesis supervisor, who must recommend it for publication and stands for the Editorial Board in a role similar to a reviewer. We offer publishing extended abstracts on the Bulletin's web before the thesis is defended. This preliminary publishing is a specific service to the academic community. As soon as we learn about successful defence, the extended abstract gains the status of accepted paper and will be included in the forthcoming issue. The accepted paper will be annotated with the date of successful defence and name of the insitution where the defence took place.

It is the policy of the Bulletin to offer a free access to all its articles on the web. Moreover, the publisher will seek opportunities to promote as wide as possible access and/or indexing of the articles. All the past issues remain accessible on the web as part of the web portal of the Bulletin. Closed issues will be made available also in a printable form, free for downloading and printing by anyone interested.

#### **Policy on Originality**

It is the policy of the Bulletin that Slovak University of Technology be the sole, original publisher of articles. Manuscripts that have been submitted simultaneously to other magazines, journals or to conferences, symposia, or workshops without the prior written consent of the Editor-in-Chief will be rejected outright and will not be reconsidered. Publication of expanded versions of papers that have been disseminated via proceedings or newsletters is permitted only if the Editor-in-Chief judges that there is significant additional benefit to be gained from journal publication. A conference chairperson can arrange with the Editor-in-Chief to publish selected papers from conferences, symposia, and workshops, after suitable reviewing. The papers must meet the editorial requirements for research articles. Acknowledgement of the originating conference will appear as a credit when the paper is published in the Bulletin.

### Manuscript information for extended abstracts of doctoral dissertations

All contributions are submitted electronically. Send your manuscript as LATEXsources and .pdf files by e-mail to editor.acm@fiit.stuba.sk. Paper's length should be 6-12 pages. Please, use LATEXstyle, which is available to download at bulletin web-page http://slovakia.acm.org/bulletin/.

Some remarks to the provided style:

#### • Headings and Abstract

The heading must contain the title, full name, and address of the author(s), thesis supervisor, abstract of about 100-200 words.

#### • Categories and Subject Descriptors

Define category and subject descriptors according to ACM Computing Classification System (see http://www.acm.org/about/class/1998/).

#### • Keywords

Please specify 5 to 10 keywords.

#### • Equations

You may want to display math equations in three distinct styles: inline, numbered or non-numbered display (we recommend the numbered style). Please make sure that your equations are clearly formulated and described.

#### • Figures and tables

Figures and tables cannot be split across pages, the best placement for them is typically the top or the bottom of the page nearest their initial cite. To ensure this proper "floating" placement of figures/table, use the environment figure/table to enclose the figure and its caption.

#### • References

Please use BibTeX to automatically produce the bibliography. If possible use abbreviations like: Proceedings – Proc., International – Int., Conference – Conf., Journal – J.

#### • Selected papers by the author

This section is used for thesis extended abstracts. Please write down all publications which are related to your thesis.