

South African Computer Journal

Volume 30 Number 2, December 2018

ISSN 1015-7999 (print)

ISSN 2313-7835 (online)

A publication of the South African Institute of Computer Scientists and Information Technologists

Open Access: <http://sacj.cs.uct.ac.za>

Editor sacj.editor@gmail.com

Prof Philip Machanick

Department of Computer Science

Rhodes University, Grahamstown

p.machanick@ru.ac.za

Associate Editors: Information Systems

Prof Machdel Matthee

Department of Informatics

University of Pretoria

Machdel.Matthee@up.ac.za

Prof Caroline Khene

Department of Information Systems

Rhodes University

C.Khene@ru.ac.za

Prof Hugo Lotriet

Office for Research and Graduate Studies

University of South Africa

lotrihh@unisa.ac.za

Associate Editors: Computer Science

Suna Bensch

Department of Computing Science

Umeå University, Sweden

suna@cs.umu.se

Prof Ian Sanders

School of Computing

University of South Africa

sandeid@unisa.ac.za

Prof Sigrid Ewert

School of Computer Science & Applied Mathematics

University of the Witwatersrand

sigrid.ewert@wits.ac.za

Editorial Board

Prof Judith M Bishop

Microsoft Research, USA

Prof Anthony Maeder

University of Western Sydney, Australia

Prof Judith van Biljon

University of South Africa

Prof Derrick Kourie

University of Stellenbosch, South Africa

Prof Rossouw van Solms

Nelson Mandela University, South Africa

Prof Paula Kotzé

CSIR Meraka Institute, South Africa

Prof Irwin Brown

University of Cape Town

Prof Sue Conger

University of Dallas, USA

Administrative Assistance

Dr Marie Hattingh

Department of Informatics, University of Pretoria

Marie.Hattingh@up.ac.za

Production Editor

James Dibley

sacjproductioneditor@gmail.com

South African Computer Journal

NOTES FOR CONTRIBUTORS

The *South African Computer Journal* is an accredited specialist academic journal, publishing research articles, technical reports and communications in English in the Computer Science, Computer Systems and Information Systems domains. Its primary target is research of interest in Africa or published by African researchers, but all quality contributions are considered. All research articles submitted for publication are rigorously refereed by independent peer reviewers. The journal publishes original work that is of international stature. The editorial board comprises local and international scholars of high repute. The journal is published online using the *open access* model, making papers accessible in developing countries where funding to subscribe is scarce.

Submissions

Authors should submit papers for publication at the web site at <http://sacj.cs.uct.ac.za/index.php/sacj/about/submissions>. Please also check there for the latest version of the below guidelines.

Form of Manuscript

Manuscripts for *review* should be prepared according to the following guidelines, which summarize more detailed instructions on the web site.

SACJ has a double-blind reviewing policy. No author's name or affiliation should appear anywhere. Citing of previous work by the author or authors should be anonymised if appropriate. Acknowledgments and thanks should not be included in the draft for review. If you use Microsoft Word please make sure that your name and affiliation are not saved in the document properties.

- The article should start as follows:
 - the title (as brief as possible)
 - an abstract of less than 200 words
 - an appropriate keyword list
 - a list of ACM Categories (2012 scheme; we no longer use the 1998 scheme as of 2016).
 - Tables and figures should be numbered and titled, and referenced in the text by number.
 - *SACJ* uses American Psychological Association 6th edition style as described here <http://www.apastyle.org/>. References should be listed at the end of the text in alphabetic order of the (first) author's surname and cited in the text. If you use an appropriate Bib_T_EX style, this will work automatically; do not spend a lot of time on reference citation minutiae since the production editor will take care of that sort of detail.
 - if a DOI is available for any reference cited, include the DOI in the reference list (see DOI display guidelines here: http://www.crossref.org/02publishers/doi_display_guidelines.html).
-

South African Computer Journal

SACJ is produced using the \LaTeX document preparation system. Though we can also accept Microsoft Word submissions, delays in publication are more likely with the latter format. While we encourage submission in a format similar to the published paper, authors should not waste undue time on layout as this will be redone by the production editor.

Authors retain the right to republish their work, subject to any republished version including a reference to the *SACJ* version.

Publication Charges

A charge of R6000 will be levied on papers accepted for publication to cover costs of open access publication. Where the author's institution or research budget is unable to meet this charge, it may be waived upon request of the author and at the discretion of the editor-in-chief.

Proofs

Proofs of accepted papers will be sent to the corresponding author to ensure that typesetting is correct, and not for addition of new material or major amendments to the text. Corrected proofs should be returned to the production editor within three days.

Extended Conference Papers

Authors of conference papers are welcome to submit extended papers to *SACJ* for consideration on these terms:

- a covering letter accompanying submission should explain what is added to the paper to make it worth publishing as a journal paper
- the paper includes at least 30% new material
- a pointer is provided to the original paper or, if it is not freely available, upload it as supplementary material when submitting the extended paper to *SACJ*
- evidence is provided that republication in this form does not violate copyright of the conference publication

Book Reviews, Letters and Communications

Book reviews are welcome as are Letters to the editor; both should carry the author's full name and affiliation, and should be limited to 500 words. Communications and Viewpoints up to two pages in length (or longer, by negotiation with the editor-in-chief) may also reflect minor research contributions, works-in-progress or ideas to stimulate debate.

This category of submission is accepted at the discretion of the editor-in-chief, not refereed and does not qualify as a research publication for South African government subsidy purposes. The major criteria for acceptance are that the item is coherently written and does not require significant editing, that it is timely and it is likely to be of interest to readers.
