Australian Educational Computing is the refereed journal of the Australian Council for Computers in Education (ACCE) and is published twice a year. Members of affiliated state computer education groups receive the journal. Other residents of Australia who wish to receive Australian Educational Computing should join the appropriate state computer education group as listed below. The overseas subscription rate is $50 per annum. Cheques should be made payable to Australian Educational Computing. All subscriptions, and all editorial material including press releases, books, software and other products for review should be sent to:
The Editor, Dr Jeremy Paglam, Australian Educational Computing,
PO Box 593, South Perth, Western Australia 6151.
E-mail: j.paglam@cowan.edu.au

ACCE Affiliated Groups

ACCS
PO Box 534
Queens Victoria Building
Sydney NSW 1230

CIFGST
PO Box 1516
Tasmania 7001

ACT 2001
ACT 2001

QSMTE
QUT Kelvin Grove
Locked Bag
2 Red Hill Qld 4059

NSW CEG
PO Box 1110
Harris Park
NSW 2150

CIGSA
PO Box 130
Ringwood SA 5062

Advice to Contributors

The editorial panel welcomes contributions in the form of original articles, letters, reports and reviews. Authors should ensure that their manuscript conforms to the American Psychological Association (APA) bibliographic convention.

All manuscripts should be clearly typed on one side of numbered pages in a legible type style (e.g., Times New Roman 12pt). Appropriate margins should appear on the manuscript. Figures, tables and graphics should be provided in camera-ready form. Photographs should be black and white rather than colour. Authors should limit articles to a minimum of 4000 words and include an abstract of 100-150 words. Electronic copy in the form of a plain text (unformatted) text file (960 MS-DOS or Macintosh format) or via e-mail to the editor should be submitted with the paper copy. Authors should include a brief autobiographical statement.

Papers contributed for the Theme Papers or Contributed Papers sections will be anonymously refereed by at least two members of the Editorial Board. All submitted material will pass through an editorial phase to maintain journal standards and balanced coverage. All articles accepted may be published in both print and electronic forms. All material is copyright unless otherwise stated in writing and may not be reproduced in any form without the permission of the editor.

Opinions expressed by contributors do not necessarily represent the views of the editorial panel or the Australian Council for Computers in Education. The Australian Council for Computers in Education does not endorse products or services advertised in this journal.

Deadlines

30th August, 2003 for Vol 18, No 2
31st March, 2004 for Vol 19, No 1

Editorial Team

Dr Jeremy Paglam, Dr Paul Newhouse.

Desktop Publishing

Suzanne Geary

Cover Design

Suzanne Geary

President's Column

2

CONTRIBUTED PAPERS (Referred)

3

Interactive versus observational learning

of spatial visualization of geometric transformations

The online classroom:

11

A self actualising theme park or a trial by multimedia?

CONTRIBUTED PAPERS (Non refereed)

Learning Technologies

21

Prototype classroom project

ACEC2004 Conference details: "Research... Reform... Realise the Potential!"

25

Editorial Board

Dr Wong Ai
University of South Australia
P.O. Box 412
University of Twente, the Netherlands

Dr Tandy Dwyer
University of Western Sydney, NSW

Dr Thomas Downes
Edith Cowan University, WA

Dr Paul Gibbons
Australian Catholic University, NSW

Dr Lynette Henderson
James Cook University, QLD

Dr John King
James Cook University, QLD

Dr Anne McDougall
University of Melbourne, VIC

Dr David McLaughlin
Charles Sturt University, NSW

Dr Paul Newhouse
Edith Cowan University, WA

Prof Ross Oliver
Edith Cowan University, WA

Ann Praznik
Edith Cowan University, WA

Dr Paul Good Ring
ICUS, Singapore

Dr Anouk Iturralde
Jenning Institute of Technology, The USA

Dr Sue Tronel
Hong Kong Institute of Education, Hong Kong

Dr Glennie Watson
Griffith University, QLD

Dr Nicola Yelland
Queensland University of Technology, Qld

Dr Paul Catherine McLaughlin
Australian Catholic University

ABN 27 784 095 650 ISSN 0816-90-20