Contents

Editorial ........................................................................................................................................... ii

Navigation and learning style .......................................................... 103-114
Gwyn Brickell

Simulating algal bloom in a lake: An interactive multimedia
implementation .................................................................................... 115-129
Robert M. Corderoy, Barry M. Harper and John G. Hedberg

A process approach to the transfer of training. Part 1: The impact
of motivation and supervisor support on transfer maintenance ...... 130-143
Marguerite Foxon

The use of interactive computer simulations in training ............ 144-156
Diana Gatto

Reducing cognitive load in multimedia navigation ..................... 157-181
John G. Hedberg, Barry Harper and Christine Brown

Education technology and the mass lecture: A restatement
of fundamental issues ................................................................. 182-187
Geoffrey Roberts

Asian Association of Open Universities Annual Conference ....... 118-190

The Australian Journal of Educational Technology is published twice a year by AJET
Publications. Manuscripts for publication should be sent to Associate Professor
John Hedberg, Faculty of Education, University of Wollongong, Northfields
Avenue, Wollongong, NSW, Australia, 2522. Enquiries about subscriptions should
be sent to the Business Manager, Mr James Steele, AJET Publications, PO Box 772
Belconnen, ACT, Australia, 2616. Subscription rate is $30 per volume ($45 foreign).
Members of the Australian Society for Educational Technology and the National
Society for Performance and Instruction receive an AJET subscription as a part of
their membership fees.
Editorial

This issue of the *Australian Journal of Educational Technology* is largely devoted to that "new" technology - multimedia. Strange as it may seem to those of us who have been promoting and using different media to inform, educate and communicate all our professional lives, the door is finally opening onto that brave new world of mediated learning we always knew was there. The reasons? The tools required to demonstrate convincing reasons why such learning is attractive are now readily accessible at reasonable costs, and they can be used without the technical "gatekeepers" who previously guarded the way. Even politicians and bureaucrats are realising that here is possibly a cheaper alternative to traditional education models - models which are not serving us well as the basis for our economy moves from primary resources to knowledge.

The challenge for educational technologists and training professionals is to ensure that experience gained over the years is not lost in the incredible rush that is now upon us to utilise these new, cheap tools in education and training.

The Australian Society for Educational Technology and the National Society for Performance and Instruction (Australasian Region) must be well-organised and ensure that their voices are heard by governments and institutions finally awaking to the promises new methods of the delivery of learning opportunities provide.

As the professional journal of educational technology in Australia, I hope the *Australian Journal of Educational Technology* continues to receive your support, and I look forward to seeing the results of academic and practical research and experience in the use of new technologies published here in future issues. Our next issue marks a decade of publication, and we hope to bring you a special focus in volume 10 on the changing face of educational technology in Australia over that time. Your contributions are welcomed.

John Hedberg
EDITOR
Australian Journal of Educational Technology is published twice a year

Editorial Board: John Hedberg, Sue McNamara, James Steele

The Australian Journal of Educational Technology welcomes original contributions from members of the Australian Society for Educational Technology, NSPI and others. Short features (up to 1000 words) and articles (up to 5000 words) should be typed, on one side of the paper only, and single spaced. Articles, submitted in triplicate, should be accompanied by an abstract of up to 100 words (for publication) and a short note on the contributor, both on separate sheets. Material can also be submitted on IBM and Macintosh format disks. Articles appearing in the Journal are professionally reviewed, and editorial policy is the responsibility of the Australian Journal of Educational Technology editorial board. Authors’ opinions should be regarded as their own unless Australian Journal of Educational Technology endorsement is noted.

Papers should be submitted to:
Associate Professor John Hedberg
Faculty of Education
University of Wollongong
Northfields Avenue
Wollongong, NSW, Australia, 2522
Phone (042) 21 3310 Fax (042) 21 3089
E-mail J.Hedberg@uow.edu.au

Advertising material accompanying the Journal does not imply endorsement by AJET or the Australian Society for Educational Technology.

ISSN 0814-673X

© Copyright in Australian Journal of Educational Technology is vested in AJET Publications, 1991

© Copyright in articles contained in Australian Journal of Educational Technology is vested in each of the authors in respect of his or her contributions 1994.

Subscriptions payable to ‘AJET’ should be sent to the AJET Business Manager:

Mr James Steele
AJET Publications
PO Box 772
Belconnen ACT
Australia 2616
Telephone (06) 273 5405
FAX (06) 273 5403
Subscription rate $30 per annum in Australia, $45 (foreign)

ASET and NSPI Members receive a subscription to the Journal as part of their membership fees

Deadline for the next issue is 1 June 1994

The Australian Journal of Educational Technology is indexed in the Australian Education Index. The Journal reserves the right to reproduce in any form material which appears in Australian Journal of Educational Technology.