

performance

ABC Ultimo Centre
Eugene Goossens Hall
Fri 13 Nov 8.00-10.30pm
\$25/\$20 concession

A challenging synthesis of live performance and electronic media to be staged in the recently completed performance hall of the Australian Broadcasting Corporation Centre.

- Pierre Bastien FRANCE Mecanium
- Rod Berry AUSTRALIA Rotary Zithers
- Barbara Campbell AUSTRALIA Cries From the Tower
- Don Ritter CANADA Structural Theory of Emotions
- Thecla Schiphorst CANADA LifeForms
- Bure Soh FRANCE Spatial Keyboard opus 3
- Yuji Sone AUSTRALIA Nonetheless Marinetti
- Amanda Stewart & Warren Burt AUSTRALIA Mutual Interactions for Voices and Vocal Samples
- Tamas Waliczky & Tibor Szemzo GERMANY Conversation



Frederick Roverselli
The Inert and the Living
1991

accommodation

The TISEA Coordinating Committee has negotiated a range of recommended accommodation (including the Westbury Hotel and the Metro Inn Sydney) close to the Symposium venues, and a range of discounted airfares from America, Asia and Europe. For all travel and accommodation arrangements, contact Arthur Cooke Travel, Sydney. Tel: 61.2.211 0111 Fax: 61.2.211 0180.

electronic theatre

Art Gallery of New South Wales
Domain Theatre Wed 11 Nov 8-10pm

A program of recent computer animation, artists' projects, performance cinema and scientific visualisation.

In addition to this theatrical program, works will also be screened in a public access video facility and in a number of the exhibition venues.

radio broadcast

Australian Broadcasting Corporation
The Listening Room, ABC FM Mon 9 Nov 9pm
The Listening Room, Radio National (repeat broadcast)
Sun 15 Nov 10.10pm

A special 90 minute program produced in association with TISEA. Broadcast by the ABC's prime venue for contemporary performing, electronic and acoustic arts, the program is received by 40 ABC FM stereo stations around Australia.

TISEA

3rd

international symposium on electronic art AUSTRALIA

Sydney, Australia
9-13 November, 1992

- computer animation
- aesthetics
- automata
- digital audio
- art and the algorithm
- artificial life
- laserdisc interactives
- sensed space environments
- holography
- autonomous sculpture
- robotics
- virtual reality
- digital photography
- soundworks
- artists' software

ADVANCE PROGRAM

papers and panels

KEYNOTE ADDRESS:
**MYRON KRUEGER — VR PIONEER,
AUTHOR OF ARTIFICIAL REALITY**

Speakers include:

- Peter Beyls BELGIUM** Models of Collective Computing and Musical Interaction in Multi Agent Automata
- Paul Charlier AUSTRALIA** The Experience of Automata: An Alternative History of AudioVisual Media
- Achameleh Debela USA** Digital Painting
- Joseph Delappe USA** Informed Artists/Users in the Post-Computer Era
- Stewart Dickson USA** Automated Fabrication as a Model for Extending the Philosophy of Visual Perception
- Jayanne English AUSTRALIA** Constructing Truth Using Algorithms
- Brian Evans USA** Algorithm, Abstraction, Unity
- Maria Fernandez USA** Electronic Art and the Globalisation of Culture
- Robert Fischer SWITZERLAND** Towards a Development of Electronic Literacy and Network-Thinking in Remote Aboriginal Communities
- Jacquelyn Ford Morie USA** The Future of Ambiguity in Art
- John Frazer UK** Genetic Algorithms and the Evolution of Form
- Ingeborg Fulepp & Heiko Daxl CROATIA/GERMANY** Local Wisdom in the Global Village
- Shalom Gorewitz USA** Virtue and Reality
- Noel Gray AUSTRALIA** Lifting the Veil of Nature: The Mathematisation of Experience
- Jennifer Hall USA** A Computer Controlled Marionette for Out of the Body Theatre
- Don Herbison-Evans AUSTRALIA** The Dance and the Computer: A Potential for Graphic Synergy
- Matjaz Hmeljak ITALY** A Video Keyboard for Time Colour Structures
- Troy Innocent & Dale Nason AUSTRALIA** The Theory of Cyberdada
- Beverley Jones USA** Cultural Maintenance and Change: Currents in Art and Technology
- Carl Loeffler USA** Virtual Museum

registration form

Due to the generous assistance of the Australian Film Commission and the VisualArts/Crafts Board of the Australia Council, the TISEA Coordinating Committee is pleased to announce a reduction in the cost of registration. **FULL REGISTRATION: \$AUS 250 *CONCESSION: \$AUS 200**



As places are strictly limited, participants are strongly advised to pre-register for TISEA. The Conference Registration fee covers entry to the three days of Papers/Panels and Poster Sessions, lunch, catalogue and admission to the Exhibitions programs.
Electronic Theatre, Performance and Workshops/ Courses are not included in this fee.

TISEA
PO Box A307, Sydney South,
NSW, 2000, Australia.
Tel 61 2 360 5607 fax 61 2 360 2943
e-mail anat@pej.pegasus.oz.au

fees	REGISTRATION	<input type="checkbox"/> \$250	<input type="checkbox"/> \$200 Conc.
	WORKSHOPS/COURSES — Being in Nothingness	<input type="checkbox"/> \$110	<input type="checkbox"/> \$90 Conc.
	SOFTIMAGE	<input type="checkbox"/> \$150 day One	<input type="checkbox"/> \$150 day Two
	<small>Numbers for the SOFTIMAGE workshops are extremely limited. Please contact the TISEA office before forwarding payment.</small>		
	— Amiga/MIDI	<input type="checkbox"/> \$40	
	— Cybercultures	<input type="checkbox"/> \$40	
	— Quicktime	<input type="checkbox"/> \$40	
	— CD-ROM	<input type="checkbox"/> \$75	
	PERFORMANCES — Stellar/Dekarinis	<input type="checkbox"/> \$25	<input type="checkbox"/> \$20 MCA members Conc.
	— Eugene Goossens Hall	<input type="checkbox"/> \$15 Being in Nothingness participants	<input type="checkbox"/> \$20
	ELECTRONIC THEATRE —	<input type="checkbox"/> \$10	
			TOTAL \$

(Please make cheque or money order in Australian dollars payable to TISEA)

Name Affiliation

Address City State Country Post Code

Home Phone Fax E-mail

*NB please include photocopy of relevant document when applying for concession rates by mail.

- Pattie Maes USA** Modelling Actions Selection and Learning in a Software Pet
- Anne Marah AUSTRALIA** Technobody: The Phantom and the Second Degree
- Delle Maxwell USA** Travels in Hyperbolic Space
- Jon McCormack AUSTRALIA** Interactive Evolution of Forms
- Helen Michaelson THAILAND** A Question of Antagonism: Identity, Representation of Self and New Media in Thailand
- Maria Miranda & Norrie Neumark AUSTRALIA** Diagnosing the Computer User
- Barbara Mones-Hattal USA** The Ambiguity Between Dimensions
- Nancy Paterson CANADA** Lust and Wunderlust
- Simon Penny USA** Virtual Bodybuilding
- Beverley Reiser USA** Surfing Dataspace
- Frederic Roverselli CANADA** An Example of a Digital Interactive Pedagogical Document
- Cynthia Beth Rubin CANADA** Quoting & Appropriation: Whose Art Is It?
- Thecla Schiphorst CANADA** Lifeforms
- Patricia Search USA** The Rhythm and Structure of Multicultural Communication
- Zack Settel & Cort Lippe FRANCE** The IRCAM Signal Processing Workstation
- Karl Sims USA** Interactive Evolution of Equations for Procedural Models
- Kevin Suffern & Ian Sinclair AUSTRALIA** Fractal Sphere Reflections and Sphere Fractals
- S.V. Vadnerkar INDIA** Presenting Music in Pictorial Form
- Roman Verostko USA** Art and the Algorithm: Classical Traditions Revisited
- Linda Wallace AUSTRALIA** Will
- Ken Wark AUSTRALIA** Suck on This, Planet of Noise
- Wenyon & Gamble UK** The Form of the Invisible
- Adam Wolter AUSTRALIA** The Programmed Artwork
- Richard Wright UK** Fractal Media and the Overexpressive
- Edward Zajec USA** Orphics: Computer Graphics and the Feasibility of a Preferred Colour Model

A selection of video-paper presentations will also be programmed during the Symposium.

workshops and courses

Being in Nothingness: Virtual Reality in Perspective
Mon 9 Nov 9am-5pm, Tues 10 Nov 9am-3pm
Museum of Contemporary Art
Fee: \$110/\$90 concession & MCA members

A two-day workshop examining state-of-the-art virtual reality (VR) technologies, applications, critical theory and practice. Demonstrations and presentations by leading international practitioners including:

Myron Krueger USA VR pioneer, author *Artificial Reality*
Anna Couey USA Network Coordinator, Arts Wire
Joachim Sauter GERMANY Director, Art + Com
Jennifer Hall USA Do While Studio, Out of the Body Theatre
Mike Gigante AUSTRALIA Director, Advanced Computer Graphics Centre
Susan Wyshynski CANADA Vivid Group, Mandala Virtual World Technology
Nancy Paterson CANADA Interactive laser disc artist, Ontario College of Art

Being in Nothingness: Performances
Tues 10 Nov 8-10pm Museum of Contemporary Art
Fee: \$25/\$20 conc. & MCA members/\$15 VR workshop participants

PAUL DEMARINIS

The Power of Suggestion

A series of computer-synthesised songs performed live with PowerGlove controllers, touch-tablets and touch-sensitive guitars.

STELARC

Host Body/Coupled Gestures: Event for Virtual Arm, Automated Muscles and Third Hand

A spectacular performance event that extends the artist's body through an interactive network of biosensors, control mechanisms and robotics. Utilising data gloves and head-mounted display, hand and motion gestures control a complex interplay of sonics, physical presence, virtual and video imagery.



Stelarc
*Video Shadow, Automatic
Arm and Third Hand*
1991

Artists' Introduction to SOFTIMAGE Animation Software
Presented by Char Davies Director of Visual Research, SOFTIMAGE CANADA and Jean-Jacques Tremblay, Animator, SOFTIMAGE
Mon 9 Nov 9am-5pm, Tues 10 Nov 9am-5pm
Australian Film Television and Radio School Fee: \$150 per day

Two one-day workshops introducing 3D computer animation, one of the most fascinating creative tools of our time. Participants will be introduced to the rich combination of tools in SOFTIMAGE, one of the world's leading high-end animation software/packages. Participants will gain hands-on experience of the processes involved in creating 3D computer generated images. The workshop will focus on critical issues central to the technology as a radically new and powerful artistic medium. These workshops are intended for educators, filmmakers and practising artists.

Numbers are extremely limited. Contact the TISEA office to apply for inclusion.

Amiga/MIDI: A Flexible Approach for Sound-Image Correspondence
Presented by Don Ritter, Assistant Professor, Dept. of Design Art,
Concordia University CANADA Mon 9 Nov 1pm - 5pm Fee: \$40

A half-day workshop introducing a computerised method for corresponding real time computer animation with live music for performance and installation. The workshop includes a demonstration of Ritter's Orpheus software and videos of live performances.

Constructing Cybercultures
Presented by Anna Couey, Network Coordinator, Arts Wire USA
Tues 10 Nov 9am-5pm Fee: \$40

A one-day course discussing artists' use of telecommunications and cultural, social, economic and legal issues that currently structure computer networks. It includes a tour of diverse cultural systems and virtual communities, allowing participants to present themselves in cyberspace and interact on the computer networks.

Our Digital Future: Multi-media and CD-ROM
Presented by Josepha Haveman, Faculty Member,
City College of San Francisco USA
Tues 10 Nov 9am-5pm Fee: \$75

A one-day workshop on CD-ROM development for artists, covering a variety of technical and aesthetic options, interface considerations, digitising techniques, equipment requirements and guidelines for archiving large pictorial databases. Lecture, discussion and demonstrations aimed at computer-savvy artists who want to explore new options of multi-media authoring.

QuickTime: Video for the Macintosh
Mon 9 Nov 2-6pm Fee: \$40

A half-day demonstration seminar that introduces the user to QuickTime concepts, developments and applications, including: video compression and decompression, digital video and editing within the Mac realm, use of QuickTime with other multi-media, and potential for interactive presentations.

exhibitions

A comprehensive program showcasing the diverse forms of contemporary electronic art. Exhibition participants include established and emerging artists from around the world, many of whom will be attending TISEA.

IVAN DOUGHERTY GALLERY
Thurs 29 Oct-Sat 14 Nov

Luc Courchesne CANADA interactive videodisc
Char Davies CANADA cibtrans lightboxes
Achameleh Debela USA digital painting
Tessa Elliott UK interactive installation
Stephen Hamper AUSTRALIA kinetic sculpture
Markus Riebe AUSTRIA computer painting
Cynthia Beth Rubin CANADA digital photo-collage
Mona Sarkis GERMANY interactive installation

ROSLYN OXLEY9
Mon 9 Nov-Sat 14 Nov

Yoshiyuki Abe JAPAN computer graphics
Stewart Dickson USA stereolithography
Brian Evans USA digital tonality
Dieter Jung GERMANY computer generated stereograms
Stewart McSherry USA digital abstractions
Patricia Search USA computer graphics

ART GALLERY OF NEW SOUTH WALES
Sat 7 Nov-Sun 29 Nov

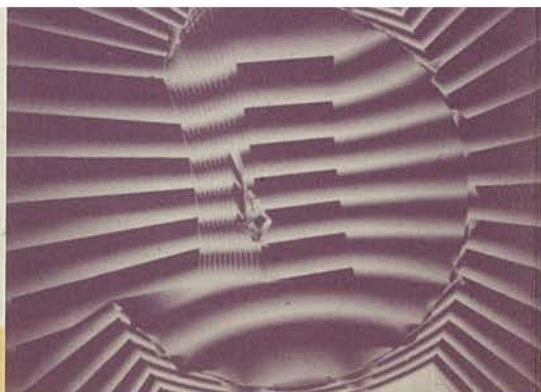
Simon Biggs NETHERLANDS interactive installation

SYDNEY OPERA HOUSE
Tues 10 Nov-Fri 13 Nov Reception Hall
2.30-4pm daily

The Australian premiere of David Blair's **WAX or the Discovery of Television Among the Bees**, "an inspired, maddening nuclear-powered bughouse rant ... held together by a deadpan narration, the furious current of electronic imagery, computer animation, found archival footage, video warping and fresh tape" (*Village Voice*)

4-7pm daily
Bar Virtuelle
licensed bar for delegates and public

Ulrike Gabriel
Breath
1992



THE PERFORMANCE SPACE
Theatre: Tues 10 Nov-Fri 13 Nov
Gallery: Tues 10 Nov-Sun 29 Nov

Peter Beyls **BELGIUM** plotter drawings
Joseph Delappe **USA** post-computer art
Linda Dement **AUSTRALIA** computer interactive
Ulrike Gabriel **GERMANY** interactive computer installation
Alain Mongeau **CANADA** interactive laserdisc
Takuro Osaka **JAPAN** interactive installation
Filomena Renzi **AUSTRALIA** kinetic audio installation
June Savage **AUSTRALIA** surveillance installation
Henry See **CANADA** computer interactive
Martin Spanjaard **NETHERLANDS** protozoa robot
Claudia Vera **USA** robotic installation

AUSTRALIAN CENTRE FOR PHOTOGRAPHY
Mon 9 Nov-Sat 28 Nov

ARTISTS' SLIDESHOW

Gordon Lescinsky **USA** ink-jet prints
Lucille Martin **AUSTRALIA** photomedia
Elena Popa **AUSTRALIA** computer screenprints
John Sherman **USA** postscript imagery
Goran Stojanovic **AUSTRALIA** process imagery
Edite Vidins **AUSTRALIA** computer collage
VNS Matrix **AUSTRALIA** cyberfeminist manifesto

Allan Giddy
Untitled Interface
1992



BLACK
Mon 9 Nov-Sat 28 Nov

Allan Giddy **AUSTRALIA** computer sculpture
Christoph Hildebrand **GERMANY** Mac toys
Nelia Justo **AUSTRALIA** audio body suit
Eduardo Kac **USA** holography
Jon McCormack **AUSTRALIA** artificial evolution
Wenyon & Gamble **UK** holograms

MUSEUM OF CONTEMPORARY ART
Mon 2 Nov-Sat 28 Nov

Tim Gruchy **AUSTRALIA** interactive space
Ian Haig **AUSTRALIA** touchscreen
Hillary Kapan **USA** artists' software

ARS MULTIPLICATA
Mon 9 Nov-Sat 21 Nov

Madge Gleeson **USA** laserprints
Jean Pierre-Hebert **USA** plotter triptych
Roman Verostko **USA** book and large scale plotter drawings
Annette Weintraub **USA** laserprint collage

ABC ULTIMO
Mon 9 Nov-Sat 21 Nov

Bob Last **SCOTLAND** laserdisc interactive
Dennis Wilcox **AUSTRALIA** installation

CITY SITES
Mon 2 Nov-Sat 21 Nov

John Colette **AUSTRALIA** duratrans

Annette Weintraub
Disintegration/Reconstruction
1992

DIRECTOR
Ross Harley

COORDINATOR
Alessio Cavallaro

CHAIR
Gary Warner

TISEA COORDINATING COMMITTEE
Michele Andringa (Chair, Performance)
Alessio Cavallaro (Chair, Radio)
Rebecca Coyle (Chair, Papers and Panels)
Paula Dawson (Chair, Poster Sessions)
Tim Gruchy (Technical Coordinator)
Ross Harley (Chair, Publications)
Jon McCormack (Chair, Electronic Theatre)
Bill Seaman (Chair, Workshops)
Gary Warner (Chair, Exhibitions)

INTERNATIONAL ADVISORY COMMITTEE
Yoshiyuki Abe (Photomedia artist, Japan)
Annick Bureau (Director, Art-El, France)
Shalom Gorewitz (Director, School of Contemporary Arts, Ramapo College, USA)
Theo Hesper (Co-founder ISEA, Netherlands)
Susan Kirchman (Director of Educational Programs, Texas A&M University, USA)
Brenda Laurel (VR Writer, USA)
Ray Luzzana (Professor Media Studies, Utrecht College of the Arts, Netherlands)
Roger Malina (Executive Editor, *Leonardo*, USA)
Simon Penny (Artshow Chair, SIGGRAPH 93, USA)
Wim van der Plas (Co-founder ISEA, Netherlands)
Henry See (Hypermedia Artist, Canada)
Roman Verostko (Program Chair FISEA 93, USA)

TISEA is generously sponsored by Apple Avante, The Goethe Institut, OmniCom Video, Philips, Sony Professional (Australia), the University of New South Wales College of Fine Arts, and Zero Plus Communication Design.

TISEA is hosted by the Australian Network for Art and Technology, in affiliation with the Inter-Society for the Electronic Arts.

TISEA gratefully acknowledges the financial assistance of the Australian Film Commission and the Visual Arts/Craft Board of the Australia Council.

