

# final program

## VENUES

- |         |  |          |  |
|---------|--|----------|--|
| venue 1 | <b>ABC Ultimo Centre</b><br>700 Harris Street<br>Ultimotel: (02) 333 1500  | venue 9  | <b>Metro Television</b><br>Paddington Town Hall<br>cnr Oatley Road and Oxford Street<br>Paddingtontel: (02) 361 5318           |
| venue 1 | <b>Avanté Apple Centre Sydney</b><br>234 Sussex Street<br>Sydneytel: (02) 264 8011   | venue 10 | <b>Museum of Contemporary Art</b><br>American Express Foundation Hall<br>140 George Street<br>Circular Quay tel: (02) 241 5892 |
| venue 3 | <b>Ars Multiplicata</b><br>1st Floor, 175 Campbell Street<br>Surry Hillstel: (02) 360 9057                                 | venue 11 | <b>Performance Space</b><br>199 Cleveland St<br>Redferntel: (02) 698 7235  |
| venue 4 | <b>Australian Centre for Photography</b><br>257 Oxford Street<br>Paddingtontel: (02) 331 6253                              | venue 12 | <b>Powerhouse Museum</b><br>500 Harris Street<br>Ultimotel: (02) 217 0111  |
| venue 5 | <b>Art Gallery of New South Wales (AGNSW)</b><br>Art Gallery Road<br>Domaintel: (02) 225 1700                              | venue 13 | <b>Roslyn Oxley9 Gallery</b><br>Soudan Lane<br>Paddingtontel: (02) 331 1919  |
| venue 6 | <b>Australian Film Television and Radio School</b><br>cnr Balaclava Road and Epping Road<br>North Rydetel<br>(02) 805 6611 | venue 14 | <b>Royal Botanical Gardens</b><br>Art Gallery Road<br>Domain   |
| venue 7 | <b>Black</b><br>80 Campbell Street<br>Surry Hillstel: (02) 281 0088  | venue 15 | <b>Sydney Opera House</b><br>Bennelong Point<br>Reception Halltel: (02) 250 7111   |
| venue 8 | <b>Ivan Dougherty Gallery</b><br>College of Fine Arts<br>cnr Albion Ave and Selwyn Street<br>Paddingtontel: (02) 339 9526  | venue 16 | <b>Remo</b><br>cnr Oxford and Crown Steet<br>Darlinghurst: (02) 331 5544   |

Third International Symposium on Electronic Art

**TISEA 9 – 13 November 1992**

# monday 9th November

venue 10

## Museum of Contemporary Art 9am-5pm

American Express Foundation Hall

### Being in Nothingness: Virtual Reality in Perspective

Day one of a two-day workshop examining state-of-the-art virtual reality (VR) technologies, applications, critical theory and practice.

9.00	Introduction
9.15	Mike Gigante, Director, Advanced Computer Graphics Centre
10.30	Joachim Sauter, Director, Art + Com
11.30	Anna Couey, Network Coordinator, Arts Wire
12.30	Lunch
1.30	Luc Courchesne, independent videodisc producer
2.30	Carl Loeffler, Studio for Creative Inquiry, Carnegie Mellon University
3.30	Break
4.00 - 5.00	Panel discussion chaired by Phil Hayward, Macquarie University

## Gallery Openings 6-9pm

**Ars Multiplicata**,  
1st Floor, 175 Campbell Street,  
Surry Hills  
**Australian Centre for  
Photography**,  
257 Oxford Street, Paddington  
**Black**,  
80 Campbell Street, Surry Hills  
**Ivan Dougherty Gallery**,  
College of Fine Arts, Selwyn Street,  
Paddington  
**Roslyn Oxley9 Gallery**,  
Soudan Lane, Paddington

venue 9

## Metro Television 1pm-5pm

### Amiga/MIDI: A Flexible Approach for Sound-Image Correspondence

Presented by Don Ritter, Assistant Professor,  
Dept. of Design Art, Concordia University,  
Canada

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.

venue 2

## Avanté Apple Centre Sydney 2-6pm

### QuickTime: Video for the Macintosh

Presented by Stephen McDonnell

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.

venue 1

## Australian Broadcasting Corporation

The Listening Room,  
ABC FM 9pm  
(92.9 MHz in Sydney),

venue 6

## Australian Film Television and Radio School 9am-5pm

### Introduction to SOFTIMAGE Animation Software

Presented by Char Davies, Director of Visual Research and David Morin, Demonstrator,  
SOFTIMAGE

One-day workshop introducing SOFTIMAGE, one of the world's leading high-end 3D animation software packages. A guide through the conceptual infrastructure of computer animation and all aspects of the SOFTIMAGE working environment.

venue 12

10am-5pm

## Myron W. Krueger VIDEOPLACE

10am-5pm

### demonstrations and workshops on Sony Electronic Photography Systems and CD-ROM XA

daily until Friday 13 November

## Powerhouse Museum

The Coles Theatre

daily until Sunday 15 November

Level 5 Mezzanine  
Artists' Technology Access Centre

repeat broadcast, ABC Radio National (576 AM in Sydney),  
Sunday 15 November, 10.10 pm  
includes:

Brad Miller and Peter Lowe *Diminishing Dimensions*, a fragmented sound map exploring the terrain of nanotechnology; interview with Scott Foster and Elizabeth Wenzel, *Convolutron 3D* audio; and Stelarc, on the obsolete body, *the Atrophy of Ecstasy amplified*.



# tuesday 10th November

NB Exhibitions open at Performance Space, 199 Cleveland St, Redfern. Artists' Reception Thursday 12 November 7pm-midnight.

venue 10

## Museum of Contemporary Art

9am-1.30pm

American Express Foundation Hall  
2-4.30pm at Powerhouse

### Being in Nothingness: Virtual Reality in Perspective

Day 2 presentations:

- 9.00 Introduction
- 9.15 Nancy Paterson, independent videodisc artist
- 10.30 Susan Wyshynski, Vivid Group, Mandala Virtual World Technology
- 11.30 Jennifer Hall, Do While Studio, Out of the Body Theatre
- 12.30 lunch
- 1.30 Relocate to the Powerhouse Museum, Coles Theatre

## Powerhouse Museum

2.00-4.30pm

### Being in Nothingness (cont.)

Myron W. Krueger,  
VR pioneer, author *Artificial Reality* VIDEOPLACE  
demonstration at  
Powerhouse Museum

venue 12

## Sydney Opera House

Reception Hall

3.00-4.30pm

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 footage, video warping and fresh tape". (Village Voice)

venue 15

Reception Hall

4.30-7.30pm

Bar Virtuelle  
licensed bar for delegates and public

## Museum of Contemporary Art

8-10pm

venue 10

### Being in Nothingness: Performances Paul DeMarinis

*The Power of Suggestion*

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

venue 6

## Australian Film Television and Radio School

9am-5pm

### Artists' Introduction to SOFTIMAGE Animation Software

Presented by Char Davies, Director of Visual Research and David Morin, Demonstrator, SOFTIMAGE

A workshop designed specifically to cater to a small group of artists from various backgrounds, who wish to explore the creative possibilities of high-end 3D computer graphics.

venue 9

## Metro Television

9am-5pm

### Constructing Cybertures

Presented by Anna Couey, Network Coordinator, Arts Wire USA

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.

venue 2

## Avanté Apple Centre Sydney

9am-5pm

### Our Digital Future: Multi-media and CD-ROM

Presented by Josepha Haveman, Faculty Member, City College of San Francisco

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.

### Stelarc Host Body/Coupled Gestures: Event for Virtual Arm, Robot Manipulator and Third Hand

A unique 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.

# wednesday 11th November

venue 14

## Royal Botanical Gardens

Maiden Theatre

### session 2

11.00-12.30 Panel: *Local Wisdoms* Ingeborg Fulepp *Local Wisdom in the Global Village* Heiko Daxl *Local Wisdom in the Global Village* Achameleh Debela *Cultural Diversity* Peter D'Agostino *The Techno/Cultural Interface: String Cycles* David Tafler *The Techno/Cultural Interface: Watch the Skies*  
12.30-1.30 Lunch - Botanical Gardens

### session 3

1.30-3.00 Papers: *Machines, Models and Perception*  
John Frazer *Genetic Algorithms and the Evolution of Form*; Stewart Dickson *Automated Fabrication as a Model for Extending the Philosophy of Visual Perception*; Edward Zajec *Orphics: Computer Graphics & the Feasibility of a Preferred Colour Model*; Kevin Suffern & Iain Sinclair *Fractal Sphere Reflections and Sphere Fractals*  
3.00-3.15 Break

### session 4

3.15-4.45 Panel: *Access and Appropriation* Helen Michaelson *A Question of Antagonism: Identity, Representation of Self and New Media in Thailand* Cynthia Beth Rubin *Quoting & Appropriation: Whose Art Is It?* Marshall Bell *Will It Take Sanctions Against Australia to Get Us Back Into the Black?*

venue 15

## Sydney Opera House

Reception Hall  
3.30-4.30pm

Video: David Blair, *WAX or the discovery of television among the bees*

Reception Hall  
4.30-7.30pm

Bar Virtuelle  
licensed bar for delegates and public

venue 5

## Art Gallery of New South Wales

Theatrette Level 4

### session 2

11.00-12.30 Video Papers  
Agnes Tremblay *TV at Rest* Hillary Kapan *Algorithms Utilised in the Interactive Animation "Fingertip"* Mona Sarkis *Interactivity Means Interpassivity* Richard Povall *Speculative Sociological Artistic, and Pedagogical Frameworks for the New Electronic Art* Philippe Bootz *Computer Animated Poetry and Other Computer Writings*  
12.30-1.30 Lunch - Botanical Gardens

### session 3

1.30-3.00 Panel: *The Ambiguity Zone: Which Dimension Am I In?*  
Barbara Mones-Hattal *The Ambiguity Between Dimensions* Jacquelyn Ford Morie *The Future of Ambiguity in Art* Cynthia Beth Rubin *In Defence of Two Dimensional Computer Art: Ruler of the Ambiguous Zone*  
3.00-3.15 Break

### session 4

3.15-4.45 Video Papers:  
Eduardo Kac *On Holography* Peter Droegge *A Visit to the Information City* Peter Svedberg *Greetings From Peter Svedberg*

venue 5

## Art Gallery of New South Wales (AGNSW)

Domain Theatre Level 1

### session 1 (plenary)

9.00-9.15

Opening Address

Dr George Miller

9.15-10.45

Keynote Address

Myron W. Krueger *Response is the Medium*

10.45-11.00

Break

### session 3

1.30-3.00

Panel: *The Globalisation of Culture*  
Patricia Search *The Rhythm and Structure of Multicultural Communication*  
Maria Fernandez *Electronic Art and the Globalisation of Culture*  
Rejane Spitz *The Effect of Culture on Cognition*

3.00-3.15

Break

### session 2

11.00-12.30

Papers: *Art and the Algorithm*

Roman Verostko *Art and the Algorithm: Classical Traditions Revisited*

Delle Maxwell *Travels in Hyperbolic Space*

Performance:

Benoit Maubrey *The Audio Ballerinas*

Level 4 AGNSW

Lunch - Botanical Gardens

### session 4

3.15-4.45

Papers: *Science and Abstraction*

Brian Evans *Algorithm, Abstraction, Unity*

Jayanne English *Constructing Truth Using Algorithms*

Matjaz Hmeljak VIK; *A Video Keyboard for Time Colour Structures*

### opening

5.30-7.30

8-10

Simon Biggs, *Solitary*, AGNSW, Level 2

Electronic Theatre, AGNSW, Domain Theatre, Level 1



# thursday 12th November

**venue 15** **Sydney Opera House**  
Reception Hall 3.00-4.30pm  
Video: David Blair *WAX or the discovery of television among the bees*  
Reception Hall 4.30-7.00pm  
Bar Virtuelle  
licensed bar for delegates and public

**venue 5** **Art Gallery of New South Wales**  
Domain Theatre Level 1

**session 1** 9.15-10.45

Papers: *Choreography*  
Don Herbison-Evans *The Dance and the Computer: A Potential for Graphic Synergy*  
Thecla Schiphorst *Lifeforms*

10.45-11.00 Break

**session 3** 1.30-3.00

Papers: *Artificial Life 1*  
Pattie Maes *Modelling Actions Selection and Learning in a Software Pet*  
Peter Beyls *Models of Collective Computing and Musical Interaction in Multi Agent Automata*

3.00-3.15 Break

**session 2** 11.00-12.30

Papers: *Automata*  
Paul Charlier *The Experience of Automata: An Alternative History of AudioVisual Media*  
Jennifer Hall *A Computer Controlled Marionette for Out of the Body Theatre*  
11.45 Performance: Benoit Maubrey *The Audio Ballerinas* Level 4 AGNSW

12.30-1.30 Lunch - Botanical Gardens

**session 4** 3.15-4.45

Papers: *Artificial Life 2*  
Jon McCormack *Interactive Evolution of Forms*  
Karl Sims *Interactive Evolution of Equations for Procedural Models*

**Artists' Reception**  
7pm-midnight  
The Performance Space,  
199 Cleveland Street, Redfern

**venue 11**

**venue 5** **Art Gallery of New South Wales**  
Theatrette Level 4

**session 1**

9.15-10.45 Papers: *Techno Cultures*  
Joseph DeLappe *Informed Artists/Users in the Post-Computer Art Era* Mark Resch *The End of the Two Cultures* Adam Wolter *The Programmed Artwork*  
Beverley Reiser *Surfing Dataspace*

**session 4**

3.15-4.45 Video Papers (repeat):  
Eduardo Kac *On Holography*  
Peter Droege *A Visit to the Information City*  
Peter Svedberg *Greetings From Peter Svedberg*

**session 2**

11.00-12.30 Video Papers (repeat):  
Agnes Tremblay *TV at Rest*  
Hillary Kapan *Algorithms Utilised in the Interactive Animation "Fingertip"*  
Mona Sarkis *Interactivity Means Interpassivity*  
Richard Povall *Speculative Sociological Artistic, and Pedagogical Frameworks for the New Electronic Art*  
Philippe Bootz *Computer Animated Poetry and Other Computer Writings*

12.30-1.30 Lunch - Botanical Gardens

1.00-2.00 Film Screening: John Hughes *One Way Street*

2.15-3.00 Paper: Troy Innocent & Dale Nason *The Theory of Cyber Dada*

3.00-3.15 Break

**Royal Botanical Gardens**

Maiden Theatre

**session 1**

9.15-10.45 Panel: *Networking the Globe*  
Robert Fischer *Towards a Development of Electronic Literacy and Network-Thinking in Remote Aboriginal Communities*  
Linda Wallace *Will*  
Beverley Jones *Cultural Maintenance and Change: Currents in Art and Technology*

**session 2**

11.00-12.30 Panel: *Techno Bodies*  
Maria Miranda & Norie Neumark *Diagnosing the Computer User*  
Simon Penny *Virtual Bodybuilding*  
Nancy Paterson *Lust and Wunderlust: Sex and Tourism in a Virtual World*

**venue 14**

12.30-1.30 Lunch - Botanical Gardens

**session 3**

1.30-3.00 Panels: *Forms of the Invisible*  
Wenyon & Gamble *The Form of the Invisible*  
Carl Loeffler *Virtual Museum*  
Shalom Gorewitz *Auschwitz/Hiroshima*  
3.00-3.15 Break

**session 4**

3.15-4.45 Papers: *Technology and the Overexpressive*  
Richard Wright *Fractal Media and the Overexpressive*  
McKenzie Wark *Suck on This, Planet of Noise*  
Frances Bonner *Pretty Pictures, Heavy Thoughts*



# friday 13th November

venue 5

## Art Gallery of New South Wales

Domain Theatre Level 1

9.15 Natalie Jeremijenko  
9.45 Dieter Jung  
10.15 Simon Biggs  
10.45 break  
11.00 Peter Callas  
11.30 Linda Dement  
12.00 Stelarc  
12.30 lunch  
1.30 Ulrike Gabriel  
2.00 David Blair  
2.30 Nola Farman  
3.00 Erkki Huhtamo  
3.30 break  
3.45 **Plenary Session:**

ISEA, TISEA, FISEA93  
The First International Symposium on Electronic Art in 1988 was initiated with the explicit purpose of founding an umbrella organisation

The Inter-Society for Electronic Arts (ISEA) was founded just before the Second International Symposium on Electronic Art took place in 1990. ISEA now coordinates the continuation of the symposia and several other activities.

Yoshiyuki Abe, ISEA Japan  
Annick Bureau, FISEA93 International Program Advisor  
Paula Dawson, TISEA Coordinating Committee  
Ross Harley, TISEA Director  
Theo Hesper, ISEA Chair  
Heidi van der Plas, ISEA Secretariat  
Wim van der Plas, ISEA Secretary/Treasurer  
Roman Verostko, FISEA93 Director

FOR FURTHER INFORMATION AND REGISTRATION DETAILS PLEASE CONTACT THE TISEA OFFICE  
TEL 61.2.360.5607 FAX 61.2.360.2943 EMAIL anat@peg.pegasus.oz.au  
PO BOX A307 SYDNEY SOUTH NSW 2000 AUSTRALIA

venue 5

## Art Gallery of New South Wales

Theatrette Level 4

9.15 Electronic Media Art	12.30 lunch
9.45 Adam Wolter	1.30 John Barr
10.15 Annick Burreaud	2.00 Katharina Gsollpointner
10.45 break	2.30 Annette Weintraub
11.00 F. Kenton Musgrave	3.00 Stewart McSherry
11.30-12.00 Yael Milo	3.30 break

venue 14

## Royal Botanical Gardens

Maiden Theatre

9.15 Artsnet
9.45 System X (Scott Art)
10.15 Anna Couey
10.45 break
11.00 Anne Marie Chandler
11.30-12.00 Eric Mattson & Alain Mongeau
12.30 lunch
1.30 Geoff Avern
2.00 Susan Wyshynski
2.30 John Frazer
3.00-3.30 Philippe Boissonnet

## Sydney Opera House

Opera House steps

12.30pm  
Performance:  
Benoit Maubrey *The Audio Ballerinas*

venue 15  
Reception Hall  
2.30-4pm  
Video:  
David Blair, *WAX or the discovery of television among the bees*

Reception Hall  
4.30-7.30pm  
Bar Virtuelle  
licensed bar for delegates and public

## ABC Ultimo Centre

8.00-10.00pm

Eugene Goossens

Hall

venue 1

Performances:  
Rod Berry *Rotary Zithers*  
Pierre Bastien *Mecanium*  
Barbara Campbell *Cries From the Tower*  
Bure Sob *Spatial Keyboard opus 3*  
Thecla Schiphorst *LifeForms*  
Melissa Lovric  
Yuji Sone *Nonetheless*  
Marinetti  
Amanda Stewart & Warren Burt *Mutual Interactions for Voices & Vocal Samples*

