

final program

VENUES

venue 1 **ABC Ultimo Centre**
700 Harris Street
Ultimotel: (02) 333 1500

venue 1 **Avanté Apple Centre Sydney**
234 Sussex Street
Sydneytel: (02) 264 8011

venue 3 **Ars Multiplicata**
1st Floor, 175 Campbell Street
Surry Hillstel: (02) 360 9057

venue 4 **Australian Centre for Photography**
257 Oxford Street
Paddingtontel: (02) 331 6253

venue 5 **Art Gallery of New South Wales (AGNSW)**
Art Gallery Road
Domaintel: (02) 225 1700

venue 6 **Australlan Film Television and Radio School**
cnr Balaclava Road and Epping Road
North Rydetel
(02) 805 6611

venue 7 **Black**
80 Campbell Street
Surry Hillstel: (02) 281 0088

venue 8 **Ivan Dougherty Gallery**
College of Fine Arts
cnr Albion Ave and Selwyn Street
Paddingtontel: (02) 339 9526

venue 9 **Metro Television**
Paddington Town Hall
cnr Oatley Road and Oxford Street
Paddingtontel: (02) 361 5318

venue 10 **Museum of Contemporary Art**
American Express Foundation Hall
140 George Street
Circular Quay tel: (02) 241 5892

venue 11 **Performance Space**
199 Cleveland St
Redferntel: (02) 698 7235

venue 12 **Powerhouse Museum**
500 Harris Street
Ultimotel: (02) 217 0111

venue 13 **Roslyn Oxley9 Gallery**
Soudan Lane
Paddingtontel: (02) 331 1919

venue 14 **Royal Botanical Gardens**
Art Gallery Road
Domain

venue 15 **Sydney Opera House**
Bennelong Point
Reception Halltel: (02) 250 7111

venue 16 **Remo**
cnr Oxford and Crown Steet
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

Powerhouse Museum

10am-5pm

Myron W. Krueger VIDEOPLACE

The Coles Theatre daily until Sunday 15 November

10am-5pm

demonstrations and workshops on

Sony Electronic Photography Systems and CD-ROM XA

Level 5 Mezzanine Artists' Technology Access Centre

daily until Friday 13 November

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, Convolvotron 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 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 Droege 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
11.30 Performance: Benoit Maubrey The Audio Ballerinas Level 4 AGNSW
12.30-1.30 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

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



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
9.45 Adam Wolter
10.15 Annick Burreaud
10.45 break
11.00 F. Kenton Musgrave
11.30-12.00 Yael Milo

12.30 lunch
1.30 John Barr
2.00 Katharina Gsollpointner
2.30 Annette Weintraub
3.00 Stewart McSherry
3.30 break

venue 14

Royal Botanical Gardens

Maiden Theatre

9.15
9.45
10.15
10.45
11.00
11.30-12.00
12.30
1.30
2.00
2.30
3.00-3.30

Artsnet
System X (Scott Art)
Anna Couey
break
Anne Marie Chandler
Eric Mattson & Alain Mongeau
lunch
Geoff Avern
Susan Wyshynski
John Frazer
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

Rod Berry Rotary Zithers
Theda Schiphorst LifeForms
Melissa Goyric
Yui Sone Nonetheless Marinetti
Yui Sone Nonetheless Marinetti
Yui Sone Nonetheless Marinetti

Performances:
Pierre Bastien Mecanum
Barbara Campbell Cries From the Tower
Bure Soh Spatial Keyboard opus 3
Amanda Stewart & Warren Burt Mutual Interactions for Voices & Vocal Samples