

NATIONAL SUMMER SCHOOL 1990

INCOME

Participants fees	\$7200.00
SADA grant	\$2000.00
WADA grant	\$2000.00
DETAFE sponsorship	\$2900.00
TOTAL	\$14180.00

EXPENDITURE

ADVERTISING

Aust. Vid. Fest. chq.#40167	\$80.00
Weekend Australian chq.#45210	\$471.60
	\$551.60

TUTORIAL

Paul Brown chq.#699320	\$550.00
Rhonda O'Meara chq.#000077	\$550.00
ATEC chq.#	\$5000.00
John Tonkin chq.#699321	\$100.00
Pam Johnston chq.#000001	\$100.00
	\$9300.00

TRAVEL

Rhonda O'Meara chq.#000077	\$434.00
Paul Brown chq.#699320	\$157.00
Tanya Court, Nic Beames chq.#699309	\$1060.00
	\$1631.00

EQUIPMENT HIRE

Future Enterprises chq.#000054	\$1000.00
Central Video Hire chq.#699345	\$360.00
	\$1360.00

MATERIALS

Video Access chq.#699324	\$25.00
Rodney Harris chq.#000058	\$97.00
Information Concepts chq.#000101	\$851.00
	\$973.00

POST/COURIERS

Express Courier chq.#699315	\$14.00
Comet Express chq.#699304	\$21.00
Australia Post chq.#699317	\$43.46
Australia Post chq.#699322	\$38.46
	\$116.92

SUMMER SCHOOL PAGE 2.....

DOCUMENTATION

Sirryn Gill chq.#000019	\$9.06
Duckpond chq.#699347	\$102.00
Point Partners chq.#000020	\$70.00
Phil George chq.#000022	\$62.10
	\$249.16

REGISTRATION FEES

ACADS reg. fees chq.#000014	\$447.25
	\$447.25

CATERING

Central Markets chq.#699330	\$84.00
Cash chq.#699326	\$20.00
Cash chq.#699319	\$80.00
Delicious Prospects chq.#699343	\$935.00
	\$1119.00

MISCELLANEOUS

Sands & McDougal chq.#699325	\$42.00
	\$42.00

TOTAL

\$15789.93

INCOME

\$14180.00

LESS EXPENDITURE

\$15789.93

(\$1609.93)

Tour of Technology Park

draft itinerary

- 10.00 Arrive at Technology Park - Conference Room, Innovation House West
- 10.00 - 10.25 Talk by Kirk Tabalotny (Marketing Assistant, Technology Development Corp.) on Technology Park
- 10.30 - 11.00 Talk by Tim Stolznow, Quest Electronic Developments - Endeavour House
- 11.10 - 11.30 Talk by Steve McConnell, Industrial Technologies Pty. Ltd. - Innovation House
- 11.34 - 12.10 Talk by senior representative, S.A. Centre for Remote Sensing - Innovation House
- 12.45 - 1.45 Lunch

ART, DESIGN & TECHNOLOGY SEMINAR

DATE: Thursday 17th January 1990
TIME: 1pm to 6pm
VENUE: Southern Lecture Theatre, Regency College of
TAFE, Days Road, Regency Park SA 5010
(ph: 348 4444)

The Australian Network for Art & Technology (ANAT), in conjunction with the ACADS, are hosting a seminar which will explore new trends in the creative use of new technology by artists, designers and craftworkers.

Four individuals from vastly different backgrounds will present their views on the implications of new technological developments on the future of art and the art of the future.

PAUL BROWN is an artist who has been using computers for over fifteen years. He was co-founder of Digital Pictures, the U.K.'s first specialist computer animation company in 1981, and in 1986 set up the U.K.'s National Centre for Computer Aided Art and Design. Since 1988 he has been director of the Computer Image Program at Swinburne Institute in Melbourne and is chair of the Art and Video Program for AUSGRAPH 90.

"Super intelligent computers will soon be able to enter into close symbiotic relationships with humans and this will offer a semiologically rich creative environment for artists of the future."

PAM JOHNSON is an artist/designer and a proponent of art and technology specialising in functional sculpture. She has most recently been exploring the possibilities of creative applications of CAD/CAM to her design work. Pam will demonstrate how the combination of the artistic approach with contemporary design and manufacturing processes can energise technological resources. She believes the synergy of such co-operation adds value to primary manufactured resources and contributes to Australian manufacturing capabilities. PTO >

❖ REGISTRATION FORM ❖

Status	Number Attending	Cost Each	Total
Members of ACADS		\$45.00	
Non Members		\$65.00	
Students/Unemployed		\$10.00	
Late Fee for Cancellation		\$10.00	

Name:.....

Organisation:.....

Address:.....

..... Phone:.....

Cheques to be made payable to ACADS and return to:

ACADS SA
C/- SA Centre for Manufacturing
853 Port Road
WOODVILLE SA 5011

RHONDA O'MEARA is a textile designer, and design director of **TEXCAD Pty. Ltd.** She has produced textile designs for interior designers and architects. She was a participant in the Artist and Industry project sponsored by AV Jennings, during which time she was craftsperson-in-residence at Minster Carpets, and produced computer generated designs for commercial carpets. Rhonda has recently travelled to the USA to research a 3D design package developed by CDI Technologies. Running in Silicon Graphics workstations, this software has been developed with textile related industries specifically in mind. Rhonda believes that the application of new CAD/CAM technologies has the ability to revolutionise the textile industry.

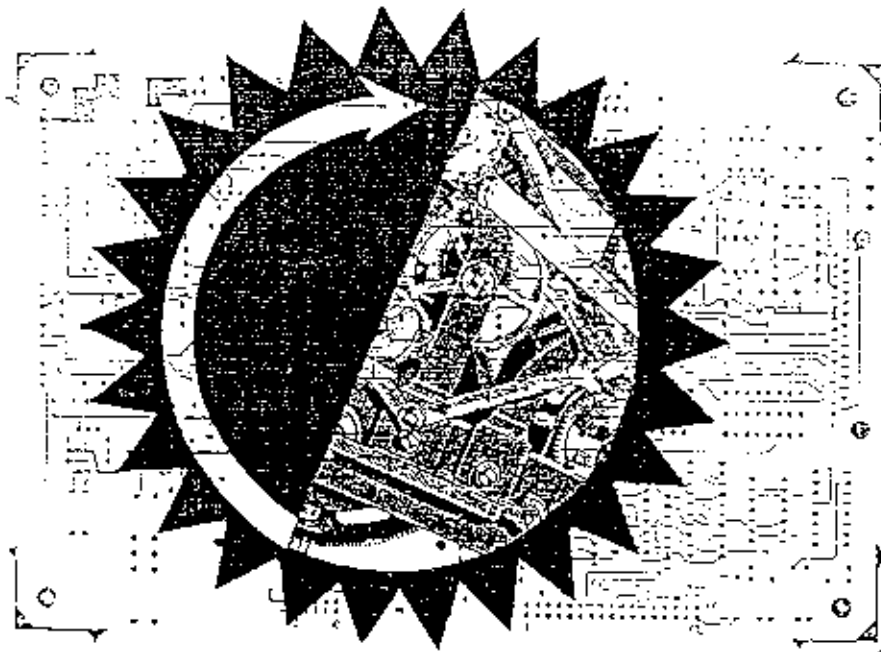
JOHN TONKIN is an Adelaide based artist who has been working with computers for a number of years. John has a background in computer science and writes his own software to create three dimensional animations. The latest of these animations, Squares and Checks, won John the Ausgraph 89 Vision Control Australia Computer Animation Competition. John uses a Commodore Amiga, and programs in C. He is currently learning C++, a language which adds object oriented features to C. John is interested in scientific visualisation and is currently a computer graphics consultant for the South Australian Department of Fisheries.

PROGRAMME

- 1.00 Registration
- 1.15 Introduction and Welcome
- 1.30 Rhonda O'Meara - Textile Designer, Design Director, **TEXCAD**
- 2.15 John Tonkin - Artist; computer animation
- 3.00 Coffee Break and Discussion
- 3.30 Pam Johnson - Artist/Designer
- 4.15 Paul Brown - Director, Computer Image Program, Swinburne Institute
- 5.00 Drinks, nibbles and discussion
- 6.00 Close

There will be slides, videos and software demonstrations presented as part of the seminar.

For further details, contact Lloyd Davey (08) 348 1542 or Virginia Barratt (08) 231 9037



WE WELCOME THE ASSISTANCE OF ALL



ANAT WOULD LIKE TO
THANK THE FOLLOWING FOR
THEIR ASSISTANCE

ACADS

ANDREW NELSON & LISA ROBERTS OF ANGLUSION

CANBERRA INSTITUTE OF THE ARTS

CANON (AUSTRALIA)

CITY ART INSTITUTE

CYBEX COMPUTING

COMMODORE BUSINESS MACHINES

CDI TECHNOLOGIES

GARY WARNER

JOHN TONKIN

KIRK TABALOTNY OF TECHNOLOGY PARK
DEVELOPMENT CORPORATION

PAT TUCKER AND THE ADVANCED TECHNOLOGY EDUCATION
CENTRE AT THE REGENCY COLLEGE OF TAFE

PAUL BROWN

QUEENSLAND OFFICE OF HERITAGE AND THE ARTS

RHONDA O'MEARA

SOUTH AUSTRALIAN DEPARTMENT OF THE ARTS

SOUTH AUSTRALIAN DEPARTMENT OF EMPLOYMENT
AND TRAINING AND TAFE

SILICON GRAPHICS

TONY MAINE OF FUTURE ENTERPRISES

TASMANIAN ARTS ADVISORY BOARD

WESTERN AUSTRALIAN DEPARTMENT OF THE ARTS

INVITATION

TO THE OPEN DAY

SECOND NATIONAL SUMMER SCHOOL

COMPUTER-AIDED DESIGN AND
MANUFACTURE

FOR ARTISTS, CRAFTWORKERS AND
DESIGNERS

ADVANCED TECHNOLOGY EDUCATION
CENTRE

REGENCY COLLEGE OF TAFE

24TH JANUARY 11 AM - 4 PM

LUNCHEON 1 PM - 3 PM

REGENCY COLLEGE OF TAFE, CNR DAYS ROAD AND REGENCY
ROAD, REGENCY PARK, SA 5010 PHONE: (08) 3484444

AUSTRALIAN NETWORK FOR ART AND TECHNOLOGY, 68
NORTH TERRACE, ADELAIDE, SA 5000 PHONE: (08) 2319037

PETER LEHMANN WINES ARE PROVIDING THE NEW
RELEASE '88 SEMILLON CHARDONNAY AND THE '86
SHIRAZ CABERNET FOR YOUR ENJOYMENT DURING

L U N C H



PRESS RELEASE

Hot on the successful heels of the inaugural Summer School in computer aided design and manufacture held by the Australian Network for Art and Technology (ANAT) in January of 1989, comes the Second National Summer School in CAD/CAM for artists. The school, being held at the Advanced Technology Education Centre (ATEC), Regency College of TAFE in Adelaide during January 1990, will teach an eclectic bunch of artists - from performance artists to designers - skills in computer assisted technologies.

In the past, limited opportunities have existed for artists to acquire knowledge of new technologies. Education, and specifically, skilling artists in the uses of new technologies, has always been a high priority for ANAT. It is seen as the fundamental key to developing and encouraging an awareness of innovation, and consequently an economy which makes use of the skills and the creative wealth embodied by the nation's artists. This focus on artists' applications of computer-aided-technology is unique in training programs, and aims to provide an innovative model for future-oriented courses. The tutors are artists, programmers and engineers, providing the necessary expertise for all aspects of creative production of work.

ANAT and ATEC have attempted to cater for the strong interdisciplinary backgrounds of the students by providing access to a variety of equipment, from interactive video to textile design software. Highlights of the course are the specialist workshops. Rhonda O'Meara, design director of TEXCAD, will teach three days of textile design using CDI software on SILICON GRAPHICS workstations, and Paul Brown, Creative Director of the Advanced Computer Graphics Centre at RMIT will focus on the Creative applications of COMMODORE AMIGA computers. Rhonda and Paul are both artists and designers in addition to being educators and technicians, and as such are familiar with the conceptual problems often faced by artists first coming face to screen with computer technology.

Other satellite events of the school are a tour high-tech companies at Adelaide's Technology Park, a joint ANAT and ACADS (Association of Computer Aided Design) Seminar on Art, Design and Technology held at Regency College of TAFE on th 18th January, and an Open Day.

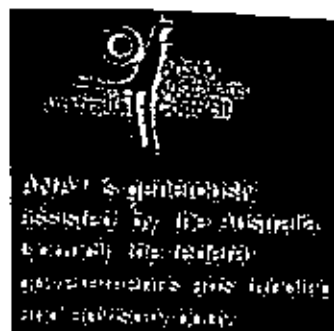
Generous support has been forthcoming from COMMODORE who are providing equipment for the students to access, on which Paul Brown will demonstrating the animation and graphics capabilities of the system.

CANON (AUST) have also provided assistance in the form of access to state-of-the-art still video equipment. This equipment enables a user to take a video image, and manipulate it via a computer. For the participating artists, this provides new and exciting possibilities for image production.

The Open Day will be held on Wednesday 24th January where it will be possible to view works-in-progress, and speak to the participating artists. Invited guests from the high technology industry, government and education sectors will attend a luncheon where there will be addresses by Dr. Peter Ellyard, Director of the Commission for the Future, Rhonda O'Meara, textile designer and design director of TEXCAD, and Stelarc, an artist who has been working in the area of robotics for a number of years.

This will take place from 11 a.m. to 3 p.m.

For further details on the Summer School or ANAT, please contact Virginia Barratt at the Australian Network for Art and Technology, P.O. Box 8029, Hindley Street, S.A. 5000 phone: (08) 2319037 fax: (08) 2117323



TIMETABLE

11 AM - 1 PM VIEWING WORKS-IN-PROGRESS, TALKS BY PARTICIPATING ARTISTS

1 PM - 3 PM LUNCHEON

ADDRESSES BY:

DR PETER ELLYARD
DIRECTOR - COMMISSION FOR THE FUTURE

RHONDA O'MEARA
TEXTILE DESIGNER
DESIGN DIRECTOR - TEXCAD

STELARC
MULTI-MEDIA ARTIST (ROBOTICS)

3PM - 5PM SCHOOL OPEN TO GENERAL PUBLIC

COMPUTER AIDED DESIGN
&
COMPUTER AIDED MANUFACTURE

■ FOR ARTISTS ■

16 places are available for artists in the Australian Network for Art and Technology's National Summer School in CAD/CAM for individuals working across ALL media in January 1990. An advanced and a beginners course will be offered, and will be suitable for artists with previous experience OR with no previous experience respectively. The three week workshop, based in Adelaide, will feature:

- introduction to state of the art hardware and software
- individual expert tuition geared towards individual needs
- 24 hour access to facilities
- a range of interactive equipment
- satellite events including tours, seminars, open day.

Tuition fee will be \$200 per week, with some scholarships available. There will be a \$60 registration fee payable by successful applicants.

further enquiries : >

A.N.A.T., P.O. Box 8029, Hindley Street, SA 5000
phone: (08) 2319037 - fax: (08) 211 7323

Advertisement placed in 'Visual Arts Pages'
Weekend Australian
28-29 October, 1989.

**australian
network for
art and
technology**

opportunities for artists!

**SECOND NATIONAL SUMMER SCHOOL
IN COMPUTER AIDED DESIGN AND
MANUFACTURE FOR ARTISTS**

ANAT is co-ordinating it's second National Summer School for artists working across ALL media in computer aided design and manufacture (CAD/CAM) in January 1989.

Courses are suitable for artists with previous experience OR with no previous experience.

Expressions of interest are called for by 31 October 1988.

further enquiries :

> A.N.A.T.

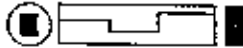
P.O. Box 8029

Hindley Street

SA 5000

phone: (08) 2319037

fax: (08) 211 7323



ADVERTISEMENT PLACED IN
AUSTRALIAN VIDEO FESTIVAL CATALOGUE
OCTOBER 1989

INFORMATION SHEET

Following is the proposed structure of the Second National Summer School in CAD/CAM for artists, craftworkers and designers, to be held at the Regency Park College of TAFE, Adelaide from the 20th - 28th January 1990.

ANAT is requesting expressions of interest from interested individuals to reach ANAT as soon as possible, and certainly no later than November 20th. The selection panel will be meeting soon after this date to decide upon the successful participants.

There is no standard application form, but interested parties are requested to forward to ANAT a current C.V., an indication of previous experience, if any, a covering letter stating your interest in the course and expected benefits, two referees, and any other supporting material which you feel is relevant.

As there is more response to this course than we can possibly hope to cater for in this course, successful applicants will be selected by a panel consisting of ANAT committee members, and representatives from the Regency College of TAFE.

Applicants are reminded that participants are represented by their submissions alone, and they should therefore supply enough relevant information to allow the panel to make an informed assessment of the application.

ANAT has a policy of national representation and equal gender representation.

INTRODUCTION

The Summer School will provide a unique learning environment for artists, craftworkers, designers and art educators to acquire and/or develop a range of specialized computing skills which will develop and enhance their art practise. As computer-based learning is most effective when class sizes are small, a maximum of 16 places will be available, 8 of which will be for individuals with no previous experience, and the remainder for individuals with some previous experience. The advanced sessions are included as a result of recommendations from participants in the first Summer School. Each student will have their own computer work station. To complement the core skills-based program, a number of satellite events will introduce participants to other new technologies and future-oriented issues through hands-on workshops, visits to industrial and research facilities and a series of panel discussions.

In recognition of the fact that the focus now is on interactive multi-media, not just CAD or CAM, there will also be a variety of equipment for participants in the 1990 Summer School to access, from interactive video to textile design software. In addition to the technological experts there will be technologically literate artists and designers teaching the students, as they are familiar with the conceptual problems faced by artists first coming face to screen with what are often perceived as dehumanising machines.

Rationale for National Summer School

The course is unique in that it will focus on artists applications of computer aided technology. Though computer aided design and manufacture will be the tutorial model, a strong interdisciplinary emphasis will be apparent, with skills and concepts which can be readily transferred to a range of practises and systems following the school.

ANAT has always maintained an interest in assisting the skilling of artists in the field of new technology. One of the findings of the report of the Art and Technology Pilot Project (March '87) was that there has been limited opportunity for artists to acquire both knowledge and skills in high technology. This lack places a very real limitation on the professional development of artists wishing to work within this field. Artists involved in the First National Summer School in CAD/CAM demonstrated that their lateral approach to problem solving, often indicated new uses and new areas of exploration for previously under-utilised and use restricted technologies.

Underpinning ANAT's aim to assist artists acquire skills in the use of new forms of technology is the belief that the larger community will benefit through artists' usage and development of high technology. Education is seen as the fundamental key to developing and encouraging an awareness of innovation, and consequently an economy which makes use of the skills and creative wealth embodied by the nation's artists.

Artists have a critical role to play in the development of an innovative knowledge-based economy in Australia. Through a wide range of mechanisms, including educational initiatives such as the National Summer School, ANAT aims to assist artists to play a more central role in the development of a 'productive culture'.

Goals of the National Summer School

- to assist the professional development of Australian artists through the acquisition and development of new technology-based skills
- to facilitate 'technology transfer', enabling artists - to impart knowledge about interactive technologies to other artists & interested parties - to transfer information and skills acquired to other computing systems
- to develop links between artists and industry
- to introduce artists to a range of practical and theoretical issues associated with the use of new technology
- to exhibit the results of this and other ANAT-initiated programs in an international symposium/exposition ANAT is hosting in 1992 - the Third International Symposium on Electronic Art (TISEA)
- to present a successful model for future educational and skilling programs for artists in the area of new technology

Course details

Course details are still being finalised by ANAT in consultation with Regency College of TAFE and other participating organisations - the following information is currently available.

Co-ordinating body: Australian Network for Art & Technology

Contacts: Virginia Barratt, Executive Officer
Caron Ward, Project and Administrative Assistant
Phone: 08-231 9037
Fax: 08-2117323

Host institution: Advanced Technology Education Centre (ATEC),
Regency College of TAFE in South Australia

Contact person: Pat Tucker, Acting Manager, ATEC
Phone: 08-348 4586/08-348 4444

Timing: January 1990 (3 weeks)

Cost of Tuition / Facilities Hire:

\$250/week per artist. This fee is set by the Advanced Technology Education Centre and covers the cost of tuition and computer facilities at ATEC.

Funding:

ANAT is endeavouring to assemble a package of funding to assist artists' participation in the National Summer School. Requests for assistance have been lodged with a range of State cultural, education and employment agencies to offset the travel and tuition costs for artists wishing to participate in the School. ANAT recognises that although the fees for the National Summer School are very reasonable for professional computer-based training, they nevertheless represent a considerable outlay for artists, a traditionally economically disadvantaged group in Australia. Hopefully participants will be responsible only for a minimal registration fee, but this is entirely dependant upon the scholarships which are approved. ANAT will provide billets for participants from interstate.

In addition to the fee, participants will be personally responsible for daily travel to & from the Advanced Technology Education Centre, and any additional expenses incurred through their participation in the National Summer School (eg purchase of computer disks, software programs, art materials, personal documentation, etc)

Facilities:

Facilities to be accessed by the participants include a range of micro-computers, IBM work stations running the latest CATEA software, a DEC VAX 3000, IBM 32 bit RT workstations, Silicon Graphics workstations and NEC 386 running CADDSMAN software. Also a range of video equipment, Sony floppy disc cameras, plotters and printers.

Access:

Participants will be provided with pin keys, allowing 24 hour/7 days a week access to the computer facilities at ATEC.

Requirements:

There are two levels of tutorial available to the participants. Artists undertaking the beginner's course require no previous training, and the advanced level is suitable for artists with some previous knowledge of computing and CAD/CAM systems.

Proposed format:

Week 1

An introductory program focussing on an examination of the concepts underlying the creation of data. 'Hands-on' tutorials on a range of CAD/CAM systems will be an integral feature of the first week. Pat Tucker and Roger Meakes will be the tutors from ATEC who will be providing technical expertise. There will also be a number of guest tutors presenting demonstrations, seminars and intensive workshops. These individuals are all artists who have expertise in animation, textile design, and imaging on a variety of systems.

Week 2

A period enabling participants to become more conversant with specific CAD/CAM systems, and other interactive technologies for output of the computer generated works. Creation of designs and manufacturing specifications. Specialist seminars looking at issues relating to artists' use of new technologies and techniques. Tours of high technology businesses and industry, such as Technology Park, Adelaide and Qikdraw.

Week 3

Consolidation of skills and individual projects developed in the preceding two weeks. Presentation of findings and projects to an invited audience and the general public during an open day.

This programme is the proposed format for the beginners course. The advanced course, while following the same basic format, will necessarily have to be modified according to the skills level of the participants.

Satellite events:

- . tours to other research and commercial organisations housing high-tech facilities including Technology Park Adelaide.
- . a seminar focussing on artists applications of CAD and other computing systems organised in collaboration with the Australian Computer Aided Design Society focussing on a range of practical & theoretical issues
- . intensive three day workshop focussing on the AMIGA computer and various software packages.
- . demonstrations and workshops with a state of the art textile design package - CID, running on Silicon Graphics workstations
- . an introduction to electronic publishing utilizing APPLE MacIntosh computers at the Adelaide College of TAFE
- . an introduction to the latest video and photographic technology
- . a workshop on telecommunications, satellite technology & associated issues
- . introductions to industry representatives
- . an Open Day with addresses by key figures in the area of the development of the artist/industry interface.