BEST OF SISEA
Second International Symposium on Electronic Art
Groningen, Holland, November 1990

Organized by Wim van der Plas for Groningen Polytechnic in co-operation with
'Academie Minerva' and SCAN (National Institute for Computer Animation).
Sponsored by the Ministries of Culture and Economic Affairs, Prins Bernhard Fund,
PWT Foundation, Holland-Weickard NL, the Scholten Fund and many others.

SISEA was held from 12-16 November 1990. It consisted of a scientific symposium,
workshops and general events, including an exhibition, concerts and performances; a film and video show; and many other events. The following documentation materials are available:
SISEA Book of Abstracts
SISEA Proceedings
SISEA Exhibition Slide Set
Best of SISEA Video Tape

BEST OF SISEA VIDEO TAPE
Selections from the Second International Symposium on Electronic Art’s Film & Video Show and Night of Concerts & Performances.

Editors: Fokke van der Veer, Wim van der Plas
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PART 1
Selection from the entries for SISEA’s Film & Video Show

SISEA leader
Sly Savvy
Good Morning
Faux Pas
Oren Van Je Kop
Showreel
Station Call
Educating Peter (fragment)
ENS (fragments)
A Passing Shower
The Evolution of Form
Particle Dreams
Panspermia
Eurhythmy
Initiation
Composition in Red & Green
Time as a Centrifuge
The Temptation of St Anthony

(Sweenen/SCAN)
(Chadwick & Strednew/OSU)
(Lebois/OSU)
(Soft Image)
(Bloemers)
(Morphosis)
(De Beeldenstorm)
(De Beeldenstorm)
(McCormack)
(Nakamae/Hiroshima Un.)
(Latham/IHM-UKSC)
(Sims)
(Sims)
(Amkraut & Girard)
(Nappi & Winkler)
(Zajec)
(Biggs)

PART 2
Selection from the SISEA Night of Concerts & Performances, November 14, De Oosterpoort Cultural Centre, including try-out performance in Tschumi’s ‘Video Pavilion’ on November 11.
Cameras: Gerry Boesjes / John Duncan / Fokke van der Veer

1. JULIUS AMENT (NL): CONCERT FOR COMPUTER-ORCHESTRA
The performance consisted of a concert with a computer-orchestra of 10 Atari-ST computers. The computers were connected (MIDI) with 10 sampling modules. 10 players (students of the music department ‘Academie Minerva’ of the Groningen Polytechnic) were directly controlling the computers (without keyboard) with the aid of computer programs that were developed especially for this purpose.

2. TIM GRUCHY (Australia): GLITCH
The performance had 3 components. Live action to a prerecorded soundtrack synced to 4 slide projectors. The piece “Glitch” utilises an original digitally produced soundtrack, synchronised through state of the art Dataton control equipment to the 4 slide projectors.

3. ZACK SETTEL (US): ESHROADERPEPEL
With Pierre Lafaye, cantolet & bass clarinet
This is a solo piece for clarinet and bass clarinet in which the computer coordinates both the electronic accompaniment as well as the timbral extensions (signal processing) of the instrument, whose audio signal is analyzed live, thus allowing for very fine control over the electronics.

4. STELARC (Australia): TRY OUT
Try out performance at the Video Pavilion, built by Tschumi in Groningen. It is a simplified version of the final performance (#7), without the laser eyes. The performance took place on November 11th in the glass pavilion, with the audience standing outside in the open air.

5. MICHAEL MCNABB (US): GALILEI (A WORK IN PROGRESS)
"Galilei" is a work in progress. The final version will include imagery by Gayle Curtis. Galilei will then be an 'Image Opera'. The concert at SISEA consisted of the audio part only.
Michael McNabb has worked at CCRMA for many years and is currently a consultant for NeXT Computer. The NeXT computer is used in the concert. Michael McNabb latest record/cd is 'Invisible Cities' (Vertigo).
7. STELARC (Australia): AMPLIFIED BODY, AUTOMATIC ARM AND THIRD HAND
In this performance the human body is extended and enhanced both visually and acoustically. Body processes are amplified.

SOUNDS
A. Body signals amplified:
1. EEG (brainwaves, frontal lobe)  2. EMG (muscles, left leg)  3. EMG (muscles, right arm)  4. ECG (heartbeat)  5. Doppler Flow Meter (blood flow, radial artery)
B. Body Sensors
1. Mercury Switch on left arm (white noise when arm raised)  2. Mercury Switch on right leg (bending generates thumping sound)  3. Mercury Switch on head (tilting head triggers EEG)
C. Third Hand
Contact microphone monitoring motor motion.

LIGHTING
5. Laser Eyes - beams transmitted via optic fibre cable and collimating lenses

MOTION
A. Third Hand - grasping/pinch/290-degree wrist motion activated by abdominal and leg muscles  B. Left Arm - remote controlled by two muscle stimulators (involuntary motion predetermined by electrode placement)

8. ERNEST EDMONDS (UK): VIDEO CONSTRUCT
With J. Hauganet, L. Kne & G. Cabodi (Musicians)
The piece uses live and electronic music as well as video projection. The structure of the music is closely related to the structure of the (colour) video construct. An abstract animated video sequence is controlled by, and generated from, a computer system.

9. ZBIGNIEV KARKOWSKI (Sweden): FOR ME AND MY GODS
With Eif Bliing & Malin Larson
The main idea behind the performance is to create an environment where the performer on stage could act both as composer and conductor, without being attached to wires or strange contraptions. The system consists of a spatial structure with infrared transmitters/detectors scanning the performer's position and velocity of movements. The data are analyzed and transformed by a custom designed sequencing program. The instrument provides the performer with real time control over parameters such as dynamics, tempo and articulation as well as the creation of the formal structure.

For more information on most of the above mentioned performances and concerts, see the SISEA Book of Abstracts and the SISEA Proceedings © SISEA, 1991

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(Chadwick & Stredney/OSU)
Good Morning
(Leboi/OSU)
Faux Pas
(soft Image)
Oren Van Je Kop
(Bloemers)
Showreel
(Morphous)
Station Call
(De Beelenstom)
Educating Peter (fragment)
(De Beelenstom)
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A Passing Shower
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The Evolution of Time
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Particle Dreams
(Sims)
Panspermia
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Eurhythm
(Amikraut & Girard)

Initiation
(Nappi & Winkler)
Composition in Red & Green
(Zajec)
Time as a Centrifuge
(Schmidt)
The Temptation of St Anthony
(Blips)

PART II
Julius Ament (NL)
Concert for Computer Orchestra
Tim Gruchy (Australia)
Glitch
Zack Settel (US)
Eshroadepipei
Stelarc (Australia)
Try out
Michael McNabb (US)
Galileo (A work in progress)
Stelarc (Australia)
Amplified body, automatic arm and third hand
Ernest Edmonds (UK)
Video construct
Zbignie Karkowski (Sweden)
For me and my gods

Take this leaflet out of the plastic cover to read on.