<u>COMPUTER CULTURE '81</u>

COMPUTER ANIMATION ORGY
21 November 1981

Programmed and Introduced by

Ronald Baecker

President, Human Computing Resources Corporation
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<u>Morning</u>

✗ "Sketchpad" - Ivan Sutherland - MIT Lincoln Lab - 1961

"Lapis" - James Whitney - 1967

✗ Genesys" - Ron Baecker, Lynn Smith, Eric Martin - MIT Lincoln Lab - 1970

"Myoglobin: A Protein Primer" - Kent Wilson et. al. - University of California at San Diego - 1971

"To Wish the Best of Bob and Judy" - Lynn Smith - MIT Lincoln Lab - 1969

✗ "Magi Sample Reel" - Mathematical Applications Group, Inc. - 1972, 1980

"Susoon"- Georges Singer - University of Toronto - 1974

"LaFaim (Hunger)" - Peter Foldes - National Research Council of Canada - 1974

<u>Coffee Break</u>

"Euclidean Illusions" - Stan VanDerBeek and Richard Weinberg - NASA Houston - 1979

"Compleat Angler" - Turner Whitted - Bell Telephone Labs - 1979

✗ "Digital Effects Demo Reel" - Digital Effects, N.Y. - 1981

✗ "Sorting Out Sorting" - Ron Baecker and Dave Sherman- University of Toronto - 1981

"Voyager 2 Encounters Saturn" - Jim Blinn et. al. - Jet Propulsion Lab - 1981

✗ "E&S Sample Reel" - Robert Abel & Associates - Los Angeles - 1981

"Galileo: Mission to Jupiter" - Jim Blinn et. al. - Jet Propulsion Lab - 1981

"Panasonic (Left Side)" - Robert Abel & Associates - Los Angeles - 1981

"Digital Scenes Simulation" - Information International, Inc, - Culver City, California - 1981

"Pas de Deux" - Norman McLaren - National Film Board of Canada - 197?

Afternoon

John Whitney, Sr.:

   "Permutations" - 1968

   "Hex Demo" - 1973

   "Matrix" - 1971

   "Arabesque" - 1975

Lillian Schwartz:

   "UFOs" - 1971

   "Pictures from a Gallery" - 1975

   "Poet of his People" - 1979
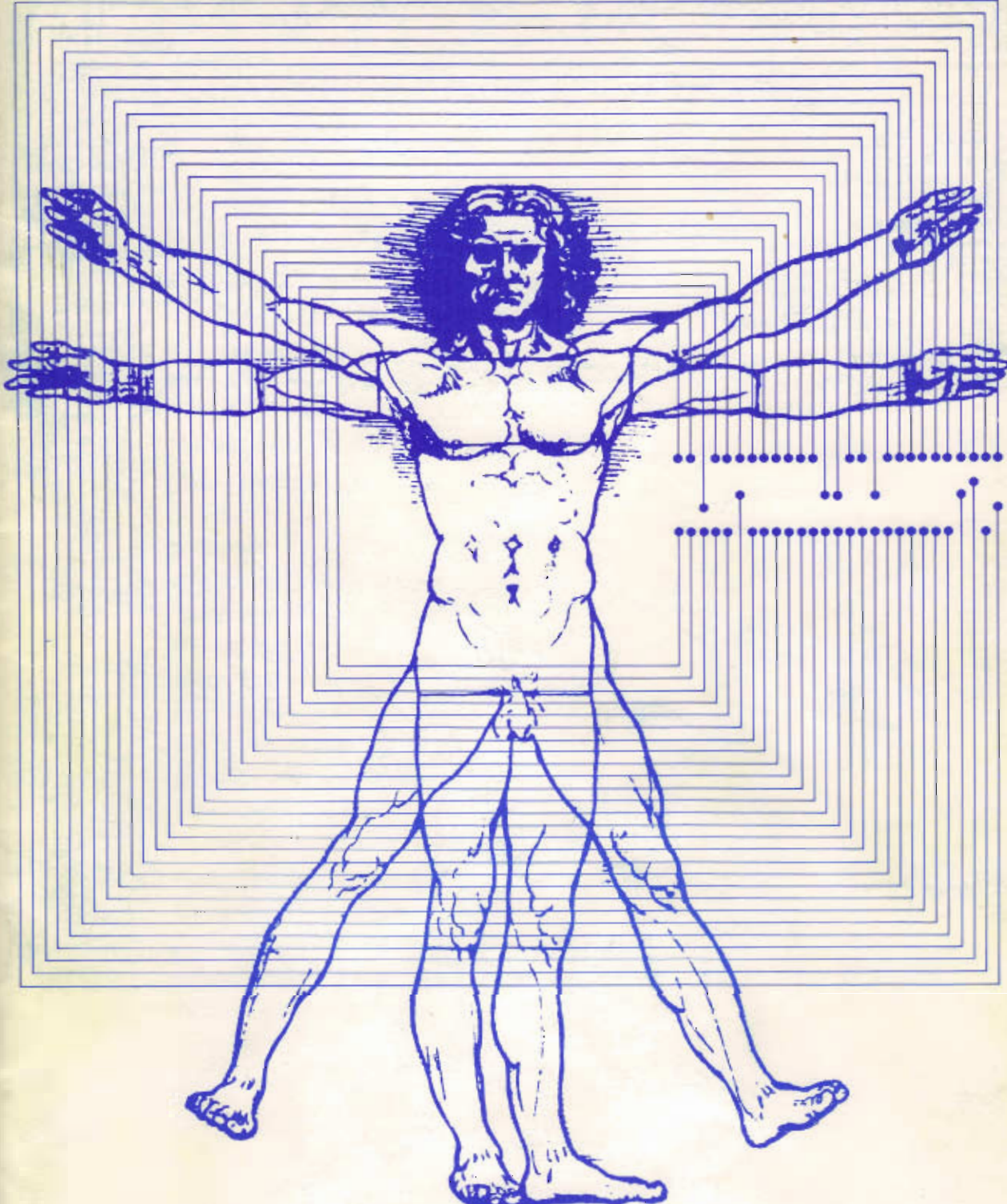
   "Mutations" - 1972

Coffee Break

Nelson Max:

   "Zooms on Self-Similar Figures" 1971-77

   ✦ "Turning a Sphere Inside Out" - 1973-76

   "Intercalation of Doxorubicin" - 1981

   "Carla's Island" - 1981

Lance Williams; New York Institute of Technology:

   "NYIT SIGGRAPH 81 Demo Tape" -1981

   "NYIT Cannes 81 Demo Tape" - 1981

✦ EXCERPT

Computer Culture 81

Synthesizer Raps; Nov. 21, 4:00 p.m. - 6:00 p.m., Nov. 22, 11:00 a.m. - 1:00 p.m.

Musicians demonstrate and discuss their own design of synthesizers and related computer systems including software. Participants include DON BUCHLA, JOHN DRAPER, PAUL HOFFERT and DAVID McLEY.

COMPUTER ANIMATION DAY

On Saturday, November 21, figures present state-of-the-art computer animation and historical retrospective. The speakers are active in the field and have contributed enormously to its evolution. Computer animation has come of age and is now widely used commercially by companies such as Lucasfilm, Xerotrope and Hanna Barbroera. COMPUTER ANIMATION DAY is the most extensive, entertaining and visually dazzling computer animation show ever seen in Toronto.

RONALD BAECKER: President of Human Computing Resources Corporation, Mr. Baecker is also Associate Professor of Computer Science and Electrical Engineering at the University of Toronto. Interactive computer graphics, computer animation, and user interface to interactive computer systems are among his research interests.

NELSON L. MAX: A computer scientist at the Lawrence Livermore National Laboratory in Livermore, California, Mr. Max has made more than 25 films. Mr. Max received the Orbit Award from the Australia and New Zealand Association for the Advancement of Science in 1974, and the Grand Prix from the 7th International Festival of Scientific and Technical Films in Brussels in 1976.

LILLIAN SCHWARTZ: World renowned film and video producer and director, Ms. Schwartz is the winner of an Academy Award, the New York Film Fesival Award, and the CINE Golden Eagle Award for four of her films: "Pictures From a Gallery," "Artist and the Computer," "Mutations" and "Pixillation."

JOHN WHITNEY, SR.: For decades, John Whitney has been an international leader in the field of computer art films. The "slit-scam" techniques explored by Mr. Whitney in the 50s were used extensively in later movies from "2001" to "Superman". His abstract film work has won recognition since 1940 and his films are at art museums in Paris and New York.

LANCE WILLIAMS: After becoming interested in computer animation while studying English and Asian Studies, Mr. Williams worked in Program Graphics and Image Processing at the University of Utah. In 1977 he joined the New York Institute of Technology Computer Graphics Laboratory which is producing his screenplay for a computer animation film called "The Works".