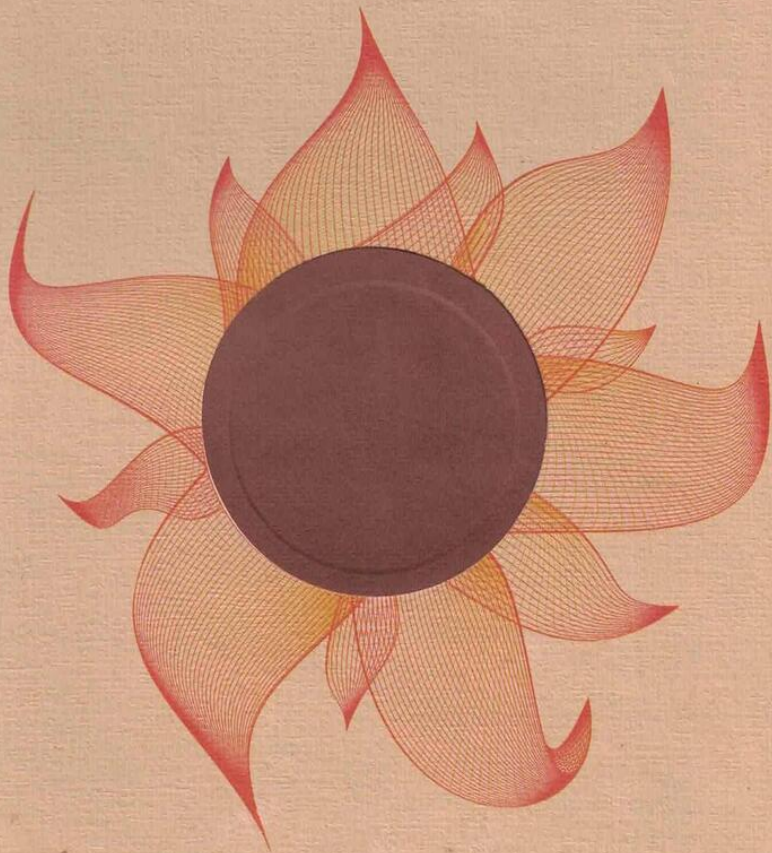
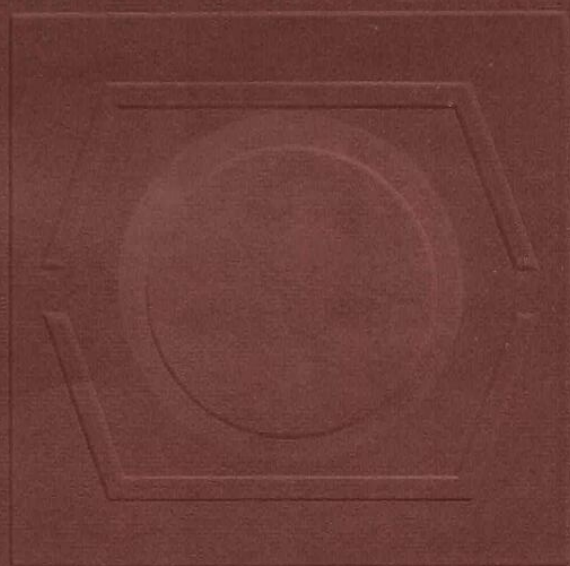


1-19-75



DECUS

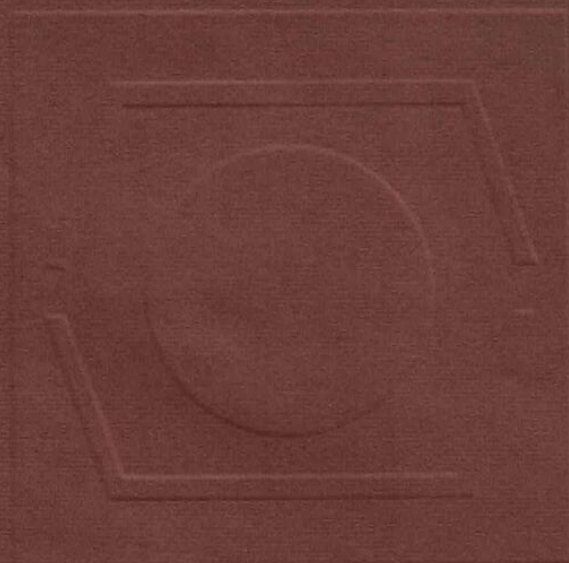


OBJECTIVES

Digital Equipment Computer Users Society (DECUS) was established in March of 1961 to advance the effective use of Digital Equipment Corporation's computers and their peripheral equipment. It is a voluntary, non-profit users group supported by DIGITAL, and whose objectives are to:

- advance the art of computation through mutual education and interchange of ideas and information,
- establish standards and provide channels to facilitate the free exchange of computer programs among members, and provide feedback to the manufacturer on equipment and programming needs.

The Society sponsors technical symposia twice a year (Spring and Fall) in the U.S., and once a year in Europe, Canada and Australia. It maintains a Program Library, publishes a library catalog, proceedings of symposia, and a periodic newsletter—DECUSCOPE. A DECUS-Europe organization was formed in 1970 to service European members.





THE COVER

The cover for this issue was developed by the DIGITAL Art Department from a computer graphics design submitted by Guy Saunier, chief engraver, Banque de France. The design was made by a PDP-8 driving an engraving table. The interactive language (derived from FOCAL) was written by B. Perrette, also of the Banque de France.

ADMINISTRATION

The policies of DECUS are formulated by an Executive Board consisting of President, President-Elect, Past President, Executive Director, Standing Committee Chairmen, Regional Chapter Chairmen and DIGITAL Representative.

The policies of DECUS are stated in the Bylaws of the society and any amendments or changes are made by formal vote of installation members.

The Administrative office is located at Digital Equipment Corporation, Main Street, Maynard, Massachusetts 01754. All correspondence relative to the Society should be directed to the attention of the DECUS Executive Director.

DECUS-Europe policies are formulated by a European Executive Board. The Board consists of Chairman, Executive Secretary, Committee Chairmen and a DIGITAL Representative.

Bylaws for DECUS-Europe have been established and any changes or amendments are by formal vote of European installation members.

The DECUS-Europe administrative office is located at Digital Equipment Co., Int.-Europe, 81, Route de l'Aire, 1227 Carouge/Geneva, Switzerland and all correspondence relative to DECUS-Europe should be directed to the attention of the DECUS Executive Secretary.

In 1972 a Canadian Executive Committee was formed to establish a formal Executive Structure for DECUS Canada. A yearly Canadian technical seminar is organized by the committee. Contact can be made with the Canadian Executive Committee through the DECUS office in Maynard.



DECUS EXECUTIVE BOARD 1973

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Mr. John C. Alderman, Jr.
Digital Communica-
tions Associates, Inc.
Atlanta, Georgia

President Elect

Mr. John F. O'Donnell
TIME, Inc.
New York, New York

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Brookings Institution
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DECsystem-10

Mainframe Chairman

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Brookhaven National
Laboratory
Upton, Long Island,
New York

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1961-1962

Charleton M. Walter

1963-1964

Lewis C. Clapp

1964-1965

William H. Fahle

1966-1967

John Goodenough

1968-1972

Richard J. McQuillin

DECUS EUROPEAN EXECUTIVE BOARD 1973

Chairman

Ingemar Widegren
FOA 1
Sundbyberg, Sweden

Standards Secretary

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Medical Biological
Lab. TNO
Rijswijk, Holland

Papers Secretary

Therri den Dunnen
Dr. Neher Lab. PTT
Leidschendam, Holland

1973 CANADIAN EXECUTIVE COMMITTEE

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Dr. P. A. V. Thomas
University of Windsor
Electrical Engineering
Department
Windsor, Ontario,
Canada

Secretary

L. D. Swanson
University of Guelph
Psychology Department
Guelph, Ontario, Canada

DECUS Representative

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University of Toronto
Department of
Psychology
University of Toronto
Toronto 5, Ontario,
Canada

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Unit, Faculty of Education
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New Brunswick, Canada

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Meetings Secretary

Chris M. Malpus
University of Leeds
Leeds, England

LUG Secretary

Bernard Perrette
Banque de France
Puteaux, France

DECsystem-10 Secretary

Engelbert Zeigler
Max Planck Institut fur
Kohlenforschung
Ruhr, Germany

DECUS Europe Secretary

Martha Ries
DIGITAL International
Europe
Geneva, Switzerland

DIGITAL Representative

A.F. Choonavala
DIGITAL International
Europe
Geneva, Switzerland

PAST EUROPEAN CHAIRMEN

1966-1967

Brian Macefield

1968

H. Broekhuis

1969

Gillian Spittle

1970

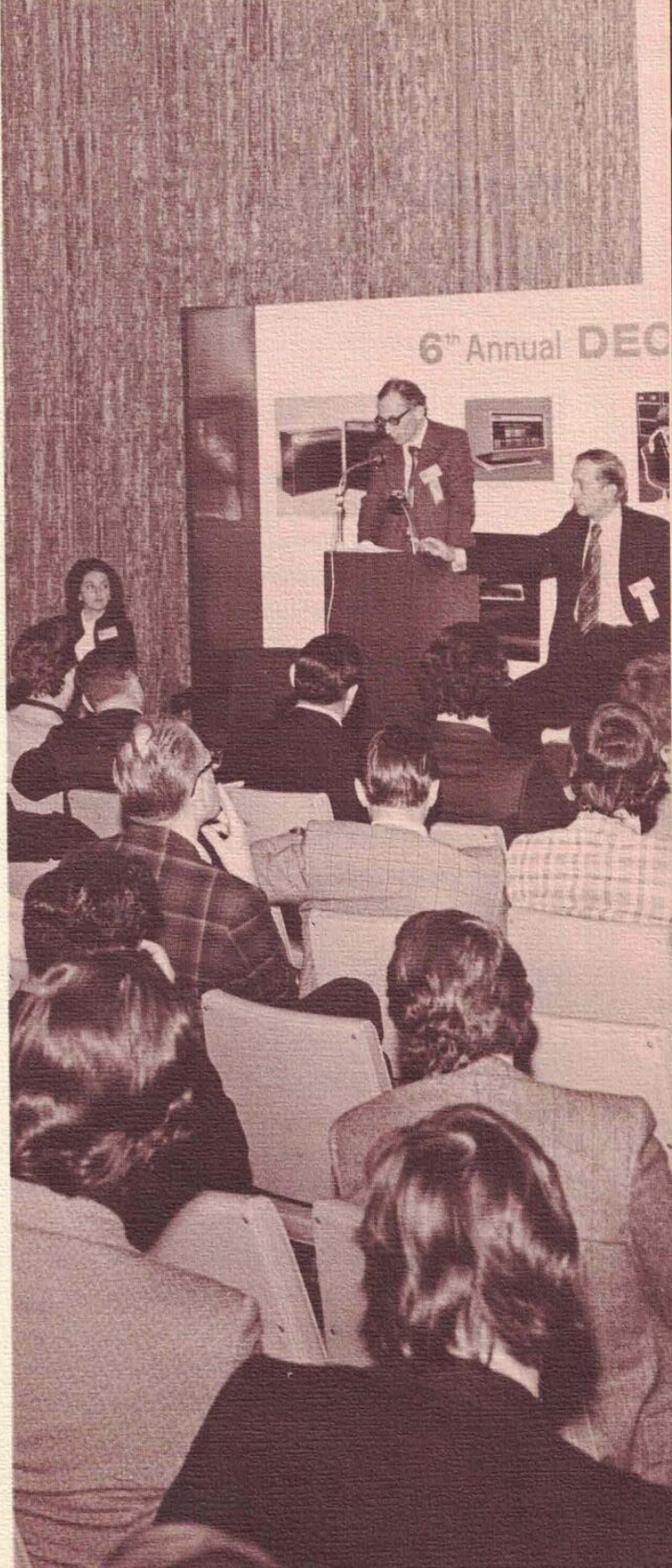
Birger Kvaavik

1971

John Elder

1972

Ingemar Widegren



MEMBERSHIP

Membership in DECUS is voluntary and does not require the payment of dues. Members are invited to take an active interest in the Society by contributing to the Program Library, to DECUSCOPE, and by participating in its meetings and symposia. There are two types of membership in DECUS: Installation Membership and Individual Membership.

INSTALLATION

An organization which has purchased or has on order a computer manufactured by Digital Equipment Corporation is automatically eligible for installation membership in DECUS. Membership status is acquired by submitting a written application to the Executive Director or European Secretary for approval by the Executive Board.

Installation membership is in the name of the organization or company. Each organization appoints a delegate to whom DECUS correspondence is directed. An organization may appoint one delegate for each DIGITAL computer owned. The delegate should be one who is immediately concerned with the operation of the computer he represents and who is willing to take an active part in DECUS activities. He is entitled to vote on all DECUS policies and during the election of officers. The delegate receives DECUS literature automatically and library programs upon request. If the appointed delegate should leave the employ of the installation, it is the responsibility of the installation to appoint a replacement.

Upon acceptance of membership, literature is sent to the delegate for his reference and aid in maintaining active participation in the society.

INDIVIDUAL

Any individual, who is not an appointed installation delegate, who has a bonafide interest in DECUS and is a user of DIGITAL computers is eligible for individual membership.

Individual members are not entitled to vote on DECUS policies or during elections. They receive on an automatic basis only the newsletter and Program Library Catalog. They can, however, receive other DECUS material on a request basis.

Written application indicating desire to join must be submitted to the Executive Director or European Secretary for approval by the DECUS Board.

There is no limit to the number of members that may join individually or from an installation.

Membership application forms may be obtained by contacting the nearest DIGITAL sales office or by writing to DECUS Executive Director, Maynard, Massachusetts 01754, or DECUS European Secretary, Digital Equipment Co. Int.-Europe, 81, Route de l'Aire, 1227 Carouge, Geneva, Switzerland.

MEMBERSHIP DECEMBER 1972: INSTALLATION DELEGATES—7,052 INDIVIDUAL MEMBERS—8,243



Digital Equipment Computer Users Society
Maynard, Massachusetts

APPLICATION FOR INSTALLATION MEMBERSHIP

Installation Membership

A company or organization which now has, or which has on definite order, a Digital Equipment Corporation computer is eligible for Installation Membership.

An Installation should appoint a person immediately concerned with the use of the computer to act as delegate to the Society. A delegate receives all official communications and has a vote on DECUS policies and elections. An organization or company is eligible for as many voting delegates as it has DIGITAL computers.

(please type or print clearly)

Type of DIGITAL CPU Owned _____ Serial No. _____

INSTALLATION _____

(Company or Organization owning DIGITAL Computer)

APPOINTED DELEGATE _____ Signature* _____

MAILING ADDRESS _____

Business Telephone: Area Code _____ Number _____ Ext. _____

The above named delegate is a replacement for _____

DIGITAL Sales Office servicing your area _____

Indicate if: End User or OEM _____

This computer was purchased from _____

(Complete only if purchased from company other than DIGITAL)

*If this form was completed by someone other than delegate indicated above, please sign here

PLEASE COMPLETE BY CHECKING THE APPROPRIATE BOXES IN BOTH CONFIGURATION AND APPLICATION SECTIONS WHICH APPEAR ON THE FOLLOWING PAGE

Please allow up to 4 weeks for processing.

SUBMIT TO: DECUS Executive Director, Digital Equipment Computer Users Society,
Maynard, Massachusetts 01754.

APPLICATION (PLEASE CHECK THE BOXES WHICH APPLY)

- | | | | |
|---|---|---|---|
| <input type="checkbox"/> General Research
<input type="checkbox"/> Physics
<input type="checkbox"/> Nuclear
<input type="checkbox"/> Low Energy
<input type="checkbox"/> High Energy
<input type="checkbox"/> Biomedical
<input type="checkbox"/> Psychology
<input type="checkbox"/> Neurology
<input type="checkbox"/> Physiology
<input type="checkbox"/> Cardiology
<input type="checkbox"/> Clinical Chemistry
<input type="checkbox"/> Patient Monitoring
<input type="checkbox"/> Patient Interviewing
<input type="checkbox"/> Nuclear Medicine
<input type="checkbox"/> Radiology
<input type="checkbox"/> Cytology
<input type="checkbox"/> Pulmonary Function
<input type="checkbox"/> Biochemistry
<input type="checkbox"/> Biophysics
<input type="checkbox"/> Biomedical
Engineering
<input type="checkbox"/> Biology
<input type="checkbox"/> Hospital Informa-
tion Systems
<input type="checkbox"/> Medical Teaching
<input type="checkbox"/> General Biomed-
ical Research
<input type="checkbox"/> Other _____
<input type="checkbox"/> Chemistry
<input type="checkbox"/> Aerospace
<input type="checkbox"/> Oceanography
<input type="checkbox"/> Navigation
<input type="checkbox"/> Communications
<input type="checkbox"/> Education
<input type="checkbox"/> Primary
<input type="checkbox"/> Secondary
<input type="checkbox"/> College and
University
<input type="checkbox"/> Regional or Dis-
trict
<input type="checkbox"/> Technical
<input type="checkbox"/> Other _____ | <input type="checkbox"/> Industrial
<input type="checkbox"/> Process Control
<input type="checkbox"/> Machine Tool
<input type="checkbox"/> Utilities
<input type="checkbox"/> Materials Handling
<input type="checkbox"/> Automotive
<input type="checkbox"/> Aerospace
<input type="checkbox"/> Electronics
<input type="checkbox"/> Other _____
<input type="checkbox"/> Transportation
<input type="checkbox"/> Graphic Arts
<input type="checkbox"/> Government
<input type="checkbox"/> AEC
<input type="checkbox"/> DOD
<input type="checkbox"/> NASA
<input type="checkbox"/> NIH
<input type="checkbox"/> Army
<input type="checkbox"/> Navy
<input type="checkbox"/> Air Force
<input type="checkbox"/> Coast Guard
<input type="checkbox"/> Other _____
<input type="checkbox"/> Foreign Government
<input type="checkbox"/> Atomic Energy
<input type="checkbox"/> Defense
<input type="checkbox"/> Space Administra-
tion
<input type="checkbox"/> Health Adminis-
tration
<input type="checkbox"/> Military
<input type="checkbox"/> Other _____
<input type="checkbox"/> Service Bureau
<input type="checkbox"/> Commercial
<input type="checkbox"/> Publishing
<input type="checkbox"/> Newspapers
<input type="checkbox"/> Periodicals
<input type="checkbox"/> Books
<input type="checkbox"/> Other _____
<input type="checkbox"/> Engineering
<input type="checkbox"/> Civil
<input type="checkbox"/> Mechanical
<input type="checkbox"/> Architecture
<input type="checkbox"/> Chemical
<input type="checkbox"/> Nuclear
<input type="checkbox"/> Electrical | <input type="checkbox"/> Data Acquisition
Analysis & Display
<input type="checkbox"/> Signal Averager
<input type="checkbox"/> Pulse Height Analy-
zer/Time of flight
<input type="checkbox"/> Optical Systems
<input type="checkbox"/> Chromatographs
<input type="checkbox"/> Spectrometers/
Spectrophotometers
<input type="checkbox"/> Diffractometers
<input type="checkbox"/> Navigation Systems
<input type="checkbox"/> Other _____
<input type="checkbox"/> System & Device
Control
<input type="checkbox"/> Process Control
<input type="checkbox"/> Numerical Control
<input type="checkbox"/> Component Testing
<input type="checkbox"/> Flow Control
<input type="checkbox"/> Other _____
<input type="checkbox"/> Non-Business Data
Calculation
<input type="checkbox"/> Simulation/Hybrid
Computation
<input type="checkbox"/> Off-Line Digital
Computation
<input type="checkbox"/> On-Line Time-
sharing
<input type="checkbox"/> Tape Preparation
(Typesetting)
<input type="checkbox"/> Other _____
<input type="checkbox"/> Business Data Calcu-
lation
<input type="checkbox"/> Inventory Control
<input type="checkbox"/> Market Research
<input type="checkbox"/> Accounting
<input type="checkbox"/> Invoicing
<input type="checkbox"/> Management In-
formation System
<input type="checkbox"/> Other _____
<input type="checkbox"/> Message Concentra-
tion & Switching | <input type="checkbox"/> Other
<input type="checkbox"/> Information
Retrieval
<input type="checkbox"/> Editing
<input type="checkbox"/> Graphical Man/
Machine System
<input type="checkbox"/> Hotel
<input type="checkbox"/> Retail
<input type="checkbox"/> Financial
<input type="checkbox"/> Architecture

_____ |
|---|---|---|---|

computer configuration

- _____ K core
- DECtape
- Magtape (Type _____)
- Disk Fixed Head
(Swapping)
- Disk packs (Type _____)
- List terminals:
- _____
- _____
- _____
- _____
- _____

Interfaced to: (Please list other computers to which this system is interfaced. Include other than DIGITAL equipment).

DECUS File No. _____



Digital Equipment Computer Users Society
Maynard, Massachusetts

APPLICATION FOR INDIVIDUAL MEMBERSHIP

Individual Member

To qualify for individual membership in DECUS, one must be:

A user of a DIGITAL computer (not the appointed installation delegate) with a bonafide interest in DECUS activities.

An individual member cannot vote but can participate in all other activities.
(please type or print clearly)

NAME _____

COMPANY OR ORGANIZATION _____

MAILING ADDRESS _____

Telephone: Area Code _____ Number _____ Ext. _____

User of the following DIGITAL computer(s) _____

Nearest DIGITAL Sales Office _____

Signed _____

Submit to: DECUS Executive Director, Digital Equipment Computer Users Society, Maynard,
Massachusetts 01754.

Please allow up to 4 weeks for processing.

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Upon acceptance of membership, literature is sent to the delegate for his reference and aid in maintaining active participation in the society.

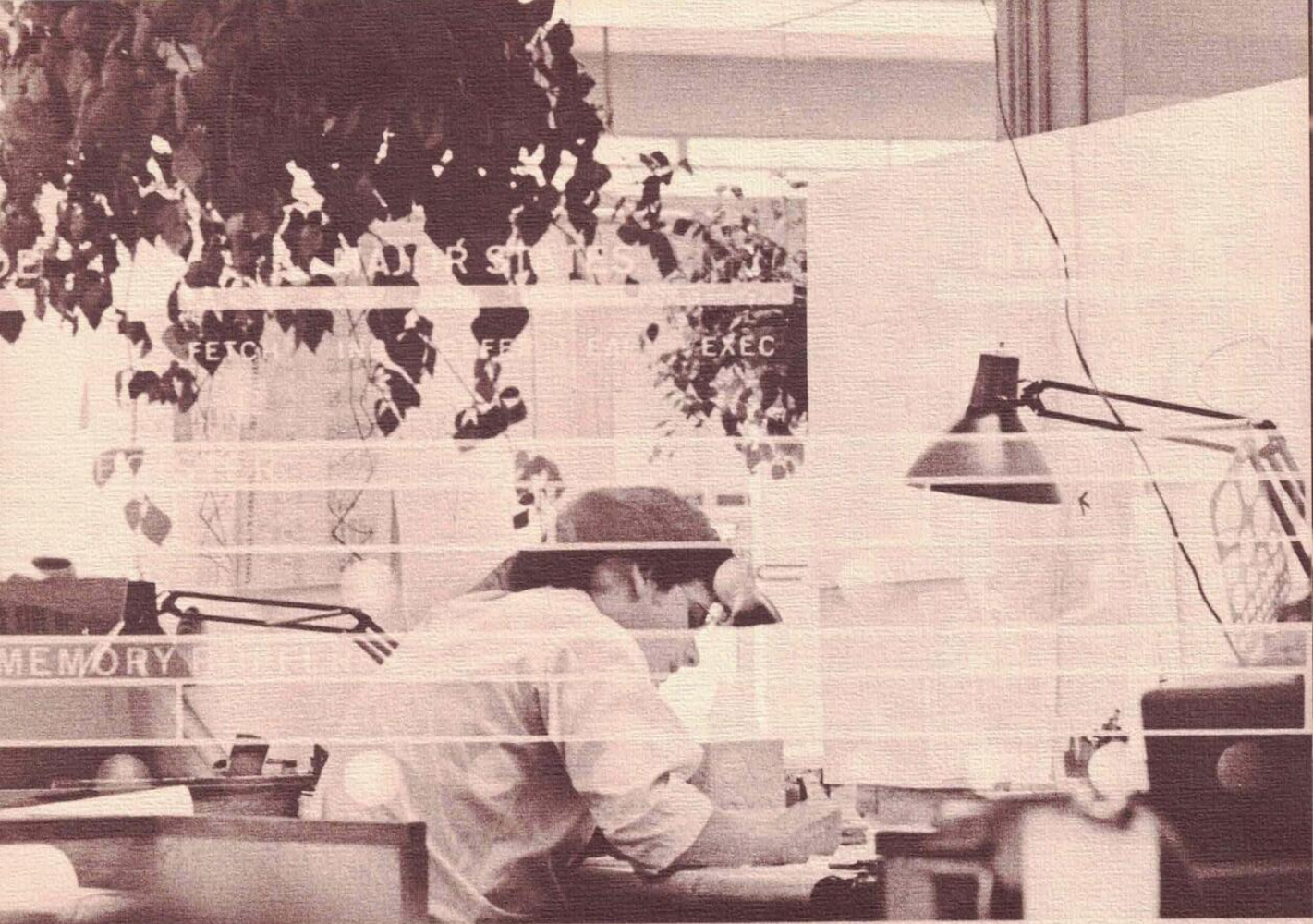
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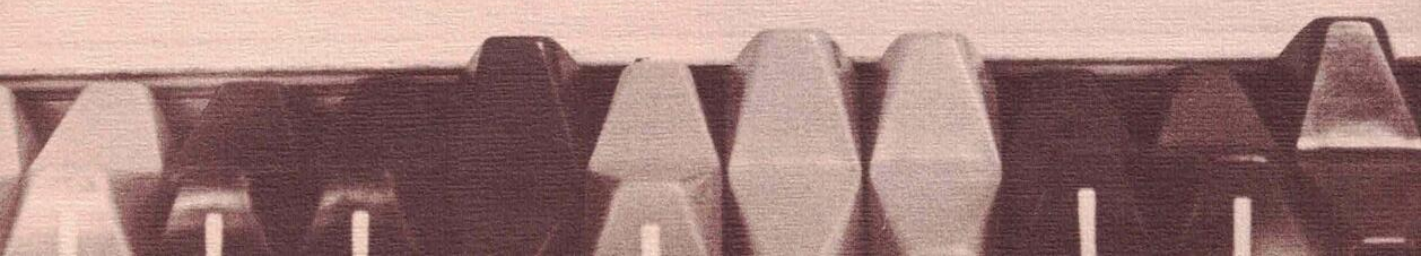


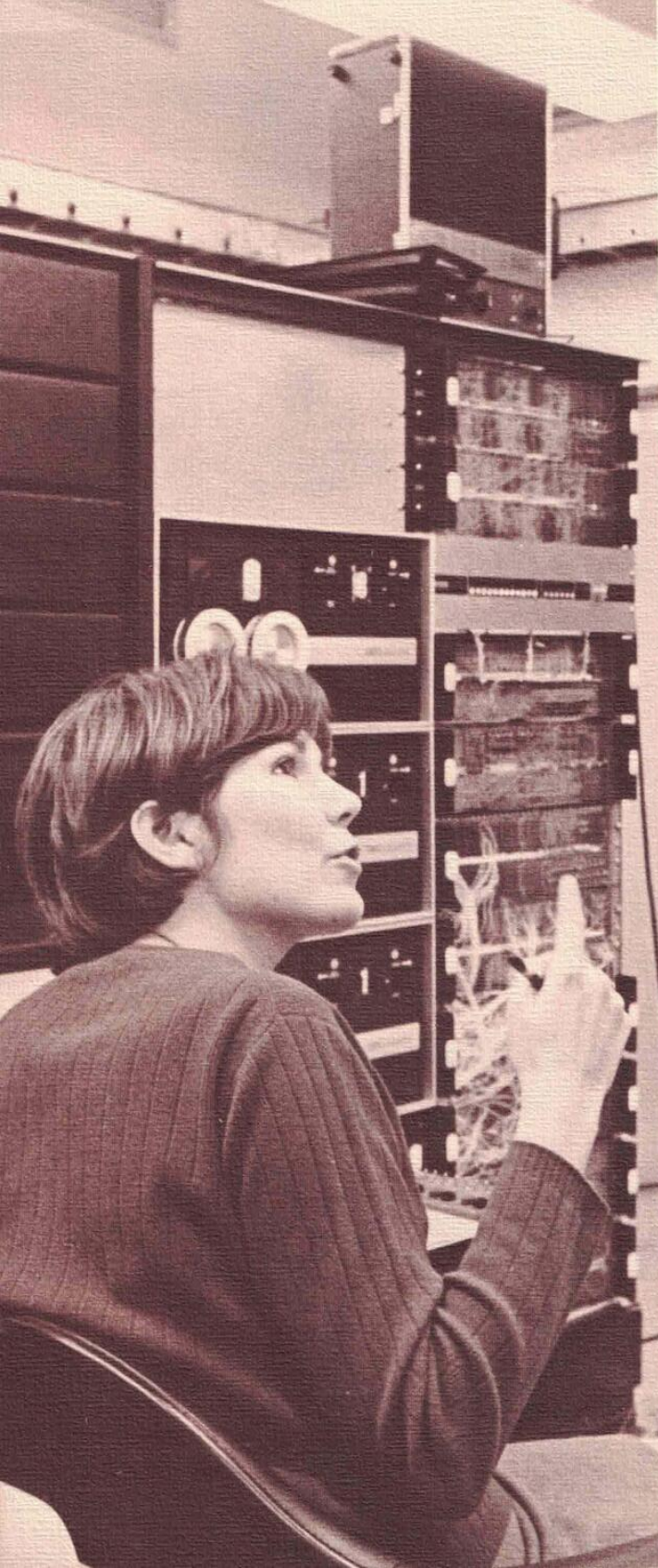
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DATA

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ACTIVITIES

Two nation-wide symposia are held each year—one in the Spring and the other in the Fall. Seminars are also held annually in Europe, Canada and Australia. The proceedings and papers presented at the symposia and seminars are published shortly after each meeting and are sent automatically to meeting attendees and upon request to others.

Meetings Since 1970

U.S. Meetings

May 4-5, 1970

Traymore Hotel
Atlantic City, New Jersey

November 19-21, 1970

Shamrock Hilton
Houston, Texas

May 13-15, 1971

Royal Coach
Atlanta, Georgia

November 11-13, 1971

Fairmont Hotel
San Francisco,
California

May 10-13, 1972

Parker House
Boston, Massachusetts

November 29-

December 2, 1972
Royal Inn
Anaheim, California

May 2-5, 1973

Holiday Inn, Penn Center
Philadelphia,
Pennsylvania

November 28-

December 1, 1973
Hyatt Regency
San Francisco,
California

Canadian Meetings

September 17-18, 1970
Airport Hilton
Montreal, Canada

June 10-11, 1971
University of New
Brunswick
Fredriction, New Bruns-
wick, Canada

January 11-12, 1973
Inn on the Park
Toronto, Canada

European Meetings

September 17-19, 1970
Kunstlerhaus
Munich, Germany

September 22-24, 1971
Grand Hotel
Krasnapolsky
Amsterdam, Holland

September 20-22, 1972
Palais des Fetes
Sirasbourg, France

September 12-14, 1973
Royal Garden Hotel
London, England

Australian Meetings

May 28-29, 1971
Iluka Motor Inn
Surfers Paradise,
Queensland

August 21-23, 1972
University of New
South Wales
Kensington, N.S.W.



JOINT USERS GROUP

The Society has been a member of JUG, the Joint Users Group of the Association for Computing Machinery, since April 1964. DECUS sponsored the first JUG Executive Workshop in April 1966 and has participated in workshops held each year since. The workshops consist of administrative personnel from several user groups. The purpose of the meetings is to establish means for intercommunication among user groups.

LOCAL USER GROUPS

DECUS encourages subgrouping of users with common interests. One of the most successful subgroupings has been Local User Groups. Local groups, called LUG's, have been formed all over the world. There are over 30 active groups to date in the U.S., Canada, Europe and Australia. Groups are, basically, geographic in nature; however, they may be geographic and specific as well. For example the New England DECsystem-10 Users and British Columbia PDP-11 Users.

Information on existing LUG's and how to join or form a LUG may be obtained by contacting the DECUS office in Maynard or Geneva.

SPECIAL INTEREST GROUPS

Special Interest Groups (SIG's) are formed to promote interchange of specialized information and have no geographical limitations. Specializations may be for application areas, subject areas, such as languages, or even specific computer lines. A group of users must petition the Executive Board for recognition as a Special Interest Group. The group must have a chairman, but its organization is otherwise at the discretion of the SIG and Executive Board.

Examples of active SIG's are DECsystem-10 Users, Users in Education, OS/8 Users, Newspaper Users, Laboratory Users, Special Interest Group in Interactive Graphics, BATCH Users, etc.

For further information on these groups, please contact the DECUS office in Maynard.



DECUS PROGRAM LIBRARY

The DECUS Program Library is one of the major activities of the users group. It is maintained and operated separately from the DIGITAL library and contains programs contributed by users. Programs are available for all DIGITAL computer lines. The Library contains many types of programs, such as executive routines, editors, debuggers, special functions, games, maintenance and various other classes of programs. Library Catalogs are issued which list all programs available from DECUS.

There are submission standards which programs must meet before they are accepted into the Library. Review procedures determine whether the program remains in the Library, is changed, or is removed.

Forms and information for submitting programs to the Library may be obtained from a DECUS office.

Programs are available to all members on a request basis. Requests for programs should be made on DECUS Library Request forms and directed to the DECUS Program Library. In most cases, a nominal service charge will be associated with a program. Information on program charges is published in the Library Catalog. European members may forward requests through the European DECUS office in Geneva.

As of December 1972, the Library contained approximately 1,600 programs.

PUBLICATIONS

decuscope

DECUSCOPE is the Society's technical newsletter. Published since April 1962, the aim of this informal news "scope" is to facilitate the interchange of information. Society members are invited to submit ideas, programming notes, letters, and application notes for publication. DECUSCOPE is mailed as issued to all members. Circulation reached 16,500 in 1972.

All submissions to DECUSCOPE should be sent to the Editor, DECUSCOPE, at the DECUS Office in Maynard or Geneva.

decus proceedings

DECUS Proceedings contain papers presented at all DECUS Technical Symposia. Proceedings are published shortly after each meeting and are sent automatically to meeting attendees, and upon request to others. The Proceedings detail information on the work being done in areas of software, hardware, and applications by the many members of DECUS.

decus program library catalog

The DECUS Program Library Catalog contains detailed information on programs available from the DECUS Library. Catalogs are divided according to computer line. A member must request the catalog of his interest. Periodic updates are sent automatically.

