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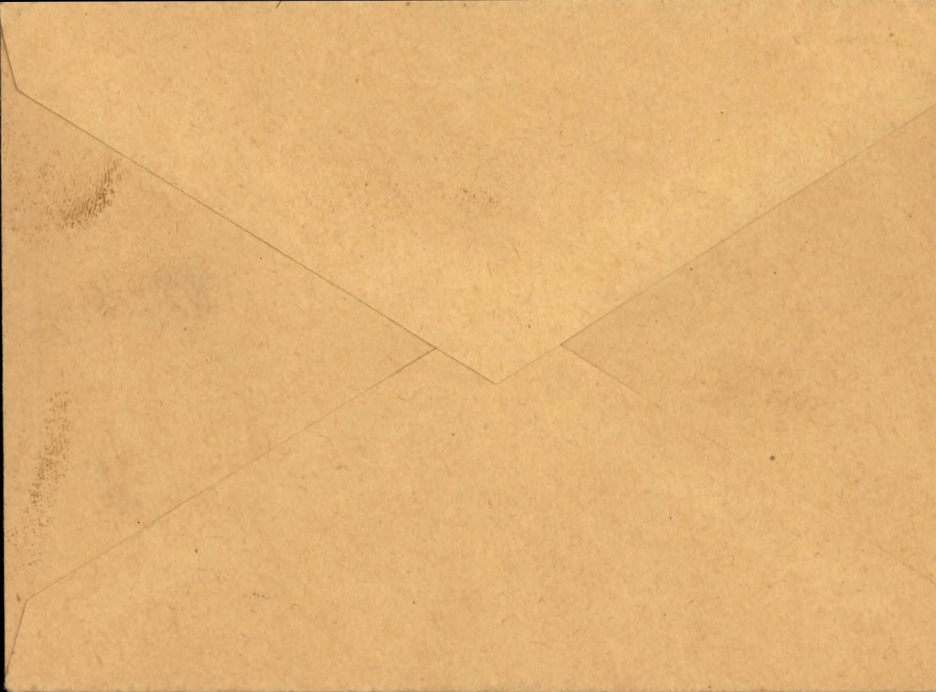
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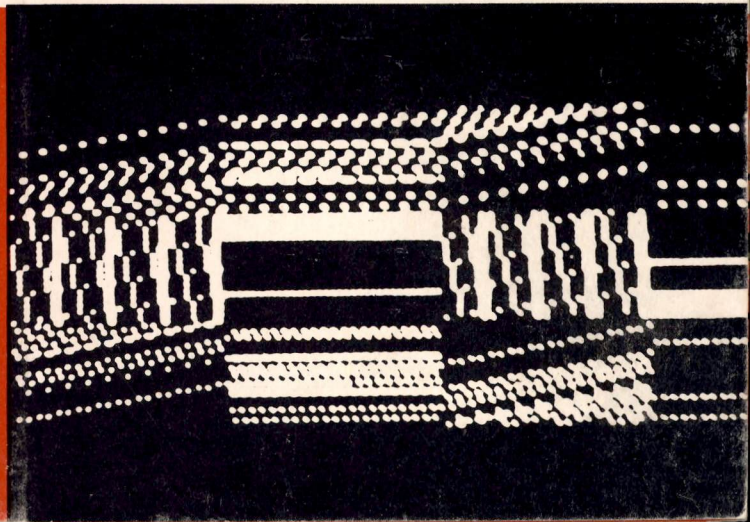
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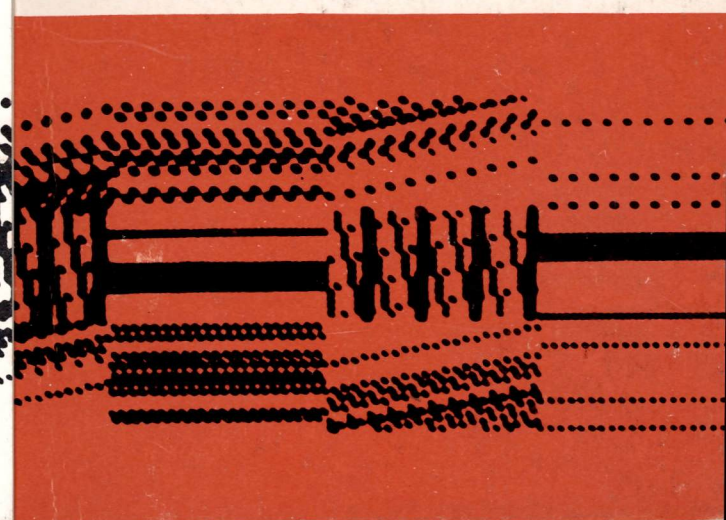
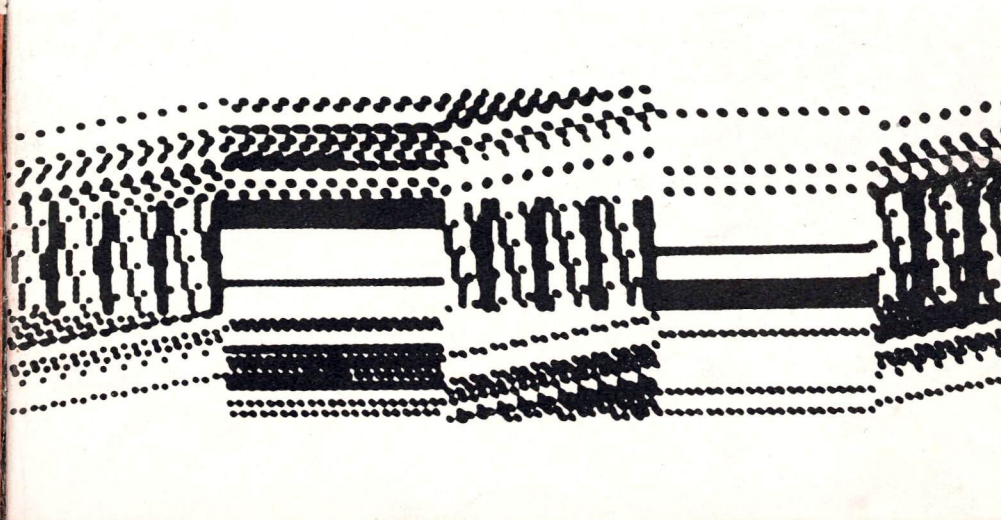
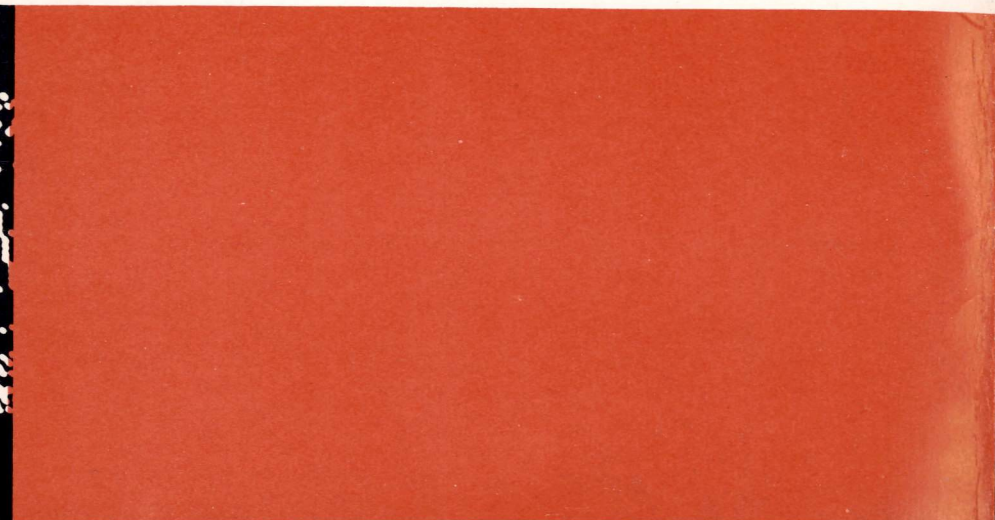
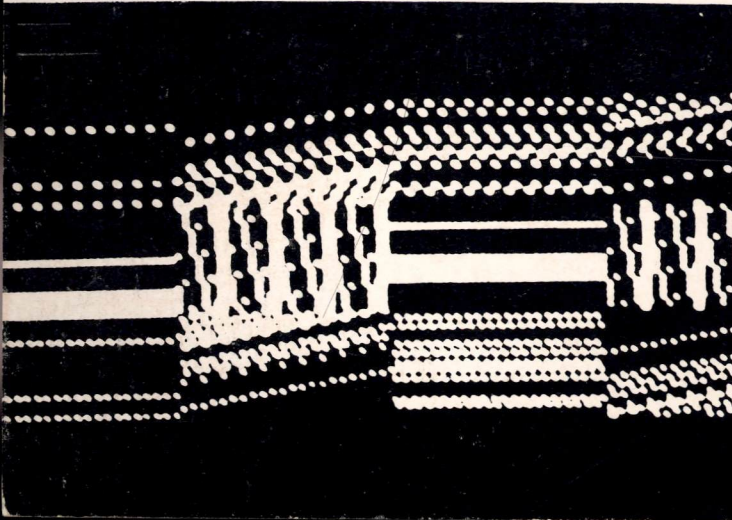
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Ninth Eastern Joint Computer Conference and Exhibition





Ninth Eastern Joint Computer Conference and Exhibition

December 1, 2, and 3, 1959
Statler Hilton Hotel
Boston, Massachusetts

Sponsored jointly by the Association for Computing Machinery, American Institute of Electrical Engineers, and the Institute of Radio Engineers.



Technical Program

Tuesday, December 1

10:00-12:00 a.m.

Conference Welcome
F. E. Heart, *Chairman, 1959*
EJCC; Lincoln Laboratory

Computers of the Future
R. Rice, *IBM*

**Negative Resistance Elements
as Digital Computer Components**
M. H. Lewin, *RCA Laboratories*

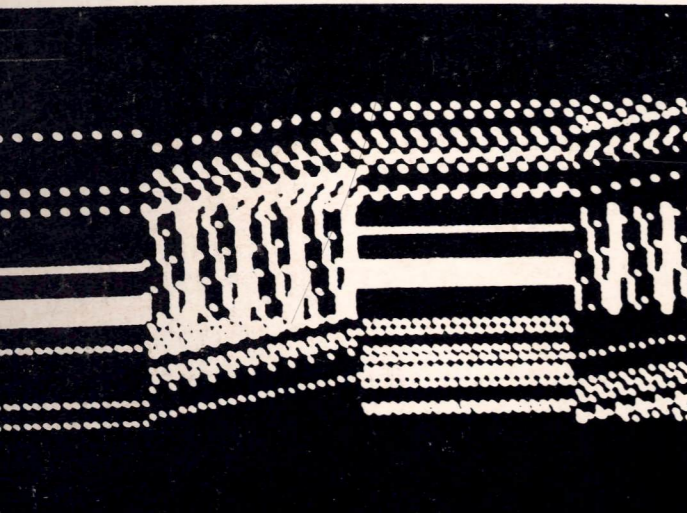
2:00-5:00 p.m.

**Deposited Magnetic Films as
Logic Elements**
A. Franck, G. Marette, and B.
Parsegyan, *Remington Rand
Univac*

**Solid State Microwave High
Speed Computers**
J. A. Rajchman, *RCA Labora-
tories*

**The Engineering Design of the
STRETCH Computer**
E. Bloch, *IBM*

Design of the LARC System
H. Lukoff and others, *Reming-
ton Rand Univac*



Wednesday, December 2

9:00-12:00 a.m.

A Small Memory as a Control Device in a Multiprogrammed Computer and an Economic Means of Performing High Speed Arithmetic

N. Lourie, H. Schrimpf, R. Reach, and W. Kahn, *Datamatic Division of Minneapolis-Honeywell*

The Virtual Memory in the STRETCH Computer

J. Cocke and H. G. Kolsky, *IBM*

A Combined Analog-Digital Differential Analyzer

H. K. Skramstad, *National Bureau of Standards*

The System Organization of MOBIDIC B

S. K. Chao, *Sylvania Electric Products*

A Universal Computer Capable of Executing an Arbitrary Number of Sub-Programs Simultaneously

J. Holland, *University of Michigan*

2:00-5:00 p.m.

The Multi-Sequence Computer as a Communication Tool

J. N. Ackley, *I-T-T Laboratories*

Synthesis of Switching Two Terminals Based on the Theory of G. R. Kirchoff and O. Veblen

S. Okada, *Brooklyn Polytechnic Institute*

Application of Boolean Matrices to the Analysis of Flow Diagrams

R. T. Prosser, *Lincoln Laboratory*

SIMCON—

The Simulator Compiler

T. Sanborn, *Space Technology Laboratories*

Techniques and Methods Employed in a Digital Computer Program to Solve General Transient Heat Transfer Problems

D. J. Campbell, *General Electric*

Wednesday Evening

Four separate, small group discussions will be held, led by recognized authorities in the

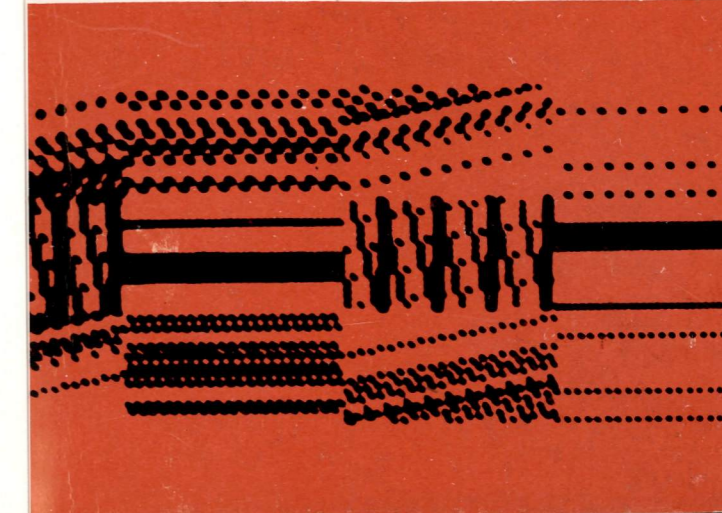
field. Members of the audience will be able to exchange opinions with one another and with the discussion leaders. The topics will be:

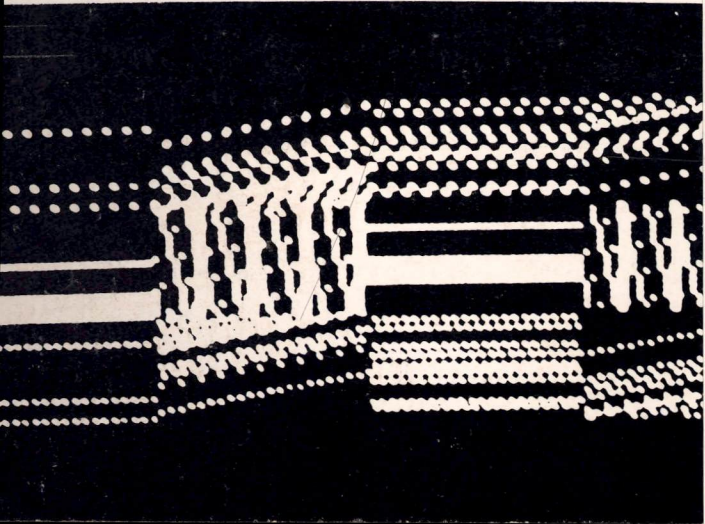
System Aspects of the Utilization of Kilomegacycle Components

Judicious Use of Your Computer

Large Signal Equivalents in the Analysis of Circuit Tolerances

The Role of Computers in the Engineering Design of Computers





Thursday, December 3

9:00-10:35 a.m.

The Automatic Transcription of Machine Shorthand

G. Salton, *Harvard University and Sylvania Electric Products*

A Management Science Computer Application

M. R. Walker and J. E. Kelley, Jr., *Mauchly Associates*

The Automatic Digital Computer as an Aid to Medical Diagnosis

C. B. Crumb, Jr., and C. E. Rupe, M.D., *Bendix Systems Division*

10:55 a.m.-12:30 p.m.

An Advanced Magnetic Tape System for Data Processing

R. B. Lawrance, *Datamatic Division of Minneapolis-Honeywell*

A High Speed, Small Size Magnetic Drum Memory Unit for Ultra-Small Digital Computers

M. May, G. Miller, and G. Shifrin, *Ramo-Wooldridge*

Temperature Compensation for a Core Memory

A. Ashley, E. Cohler, and W. S. Humphrey, *Sylvania Electric Products*



2:30-5:00 p.m.

Use of a Computer to Design Character Recognition Logic

R. J. Evey, *IBM*

A Self-Organizing Logical System

R. L. Mattson, *Lockheed Missiles and Space Division*

Alpha-Numeric Character Recognition Using Local Operations

J. S. Bomba, *Bell Telephone Laboratories*

Pattern Recognition and Reading by Machine

W. W. Bledsoe and I. Browning, *Sandia Corporation*

Discussion of Problems in Pattern Recognition

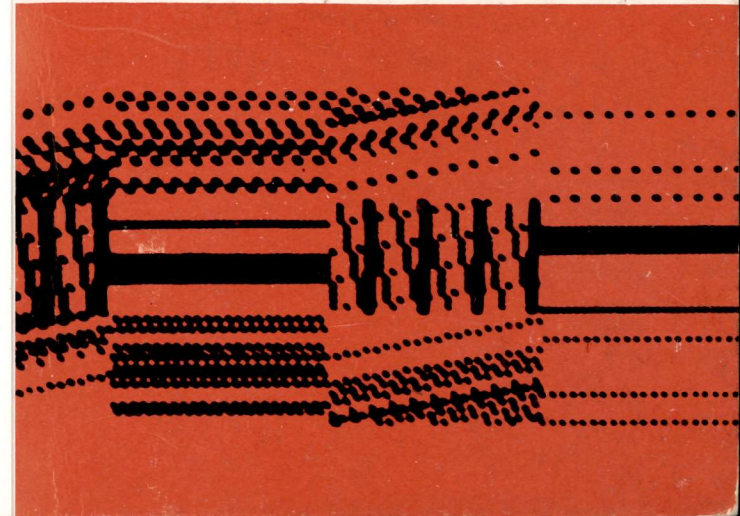
Authors and invited critics

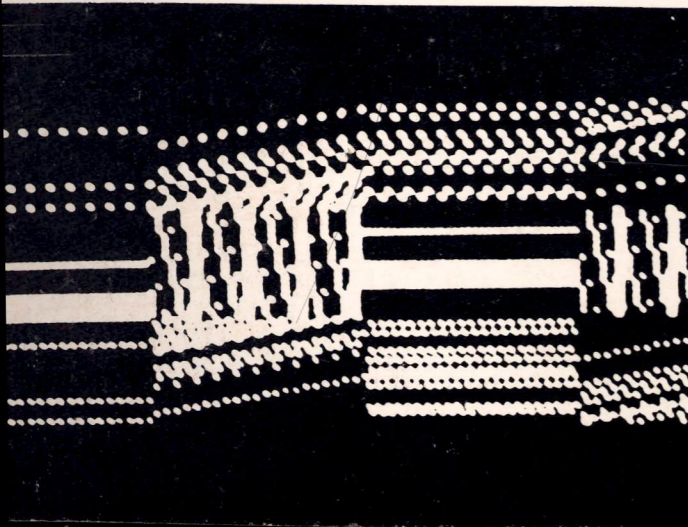
6:30 p.m. Dinner

Award Presentation

J. H. Felker, *Program Chairman*

In recognition of the fact that technical programs are sometimes marred by careless or obtuse presentation of papers, the EJCC has decided to emphasize the importance of a good oral presentation. An award of \$300 will be made for the best presentation at the Conference of a





paper describing significant work in the computer field. The winner of the award will be selected by the Program Committee, and the presentation will be made at this Conference Dinner on the last day of the meeting.

Address: The Status of Computer Developments in the Soviet Union

W. W. Ware, Rand Corporation

In the summer of 1959 a delegation sponsored by the National Joint Computer Committee visited, in the Soviet Union, a number of research institutes,

universities, and factories producing digital computers. This delegation received the most detailed picture of Soviet developments yet given to a group from the West. Dr. Ware was a member of the delegation and editor of the delegation's report.

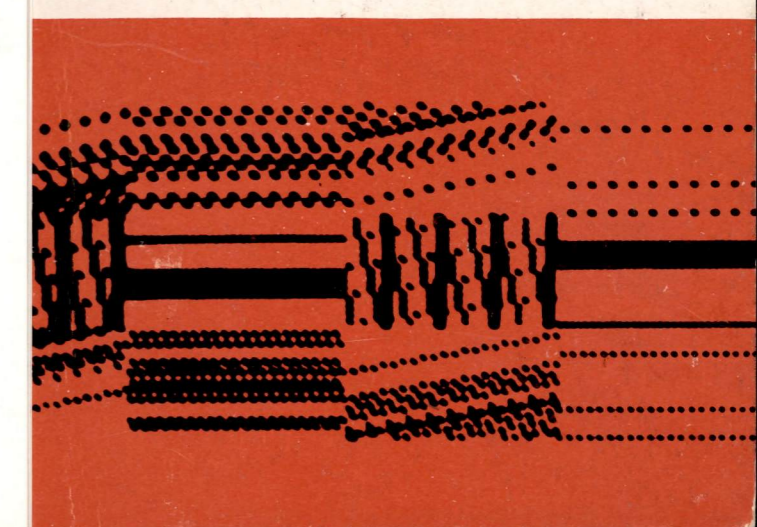


Exhibitors


Exhibits of the latest in complete data-processing and electronic computer systems, computer components, and sub-assemblies will be on display on the mezzanine and fourth floor of the Statler Hilton Hotel. The Conference Committee cordially invites you to bring your personal friends, business associates, and customers to this comprehensive display. There will be no charge for viewing the exhibits.

Exhibit hours

Tuesday, December 1,
10:00 a.m. to 5:30 p.m.
Wednesday, December 2,
9:30 a.m. to 9:00 p.m.
Thursday, December 3,
9:30 a.m. to 5:30 p.m.



Partial List of Exhibitors



Aeronutronics, Division of Ford Motor Co.

AMP, Inc.

Ampex Corp.

Analex Corp.

Autonetics, Division of North American Aviation, Inc.

Bendix Computer Division

Benson-Lehner Corp.

Bryant Computer Products Division

Burroughs Corp., Electro Data Division

California Computer Products, Inc.

C-E-I-R, Inc.

C. P. Clare and Company

Computer Control Co., Inc.

Computer Systems, Inc.

Datamation Magazine


Diane Controls

Digital Equipment Corp.

Elco Corp.

Electronic Associates, Inc.

Engineered Electronic Co.



Fairchild Semi-Conductor Corp.

Ferranti Electric, Inc.

Friden, Inc.

G-C-Dewey Corp.

General Ceramics Corp.

General Electric Co., Light Military Electronics Dept.

Hartford Metal Products

Harvey-Wells Electronics, Inc.

Instrument Specialties Co., Inc.

International Business Machines Corp.

Laboratory for Electronics

Librascope, Inc.

Lumatron Electronics, Inc.

Micro-Switch, Division of Minneapolis-Honeywell Regulator Co.

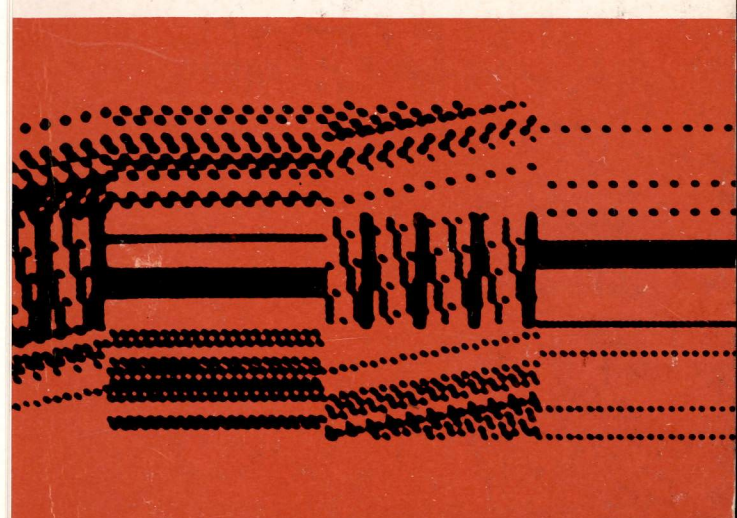
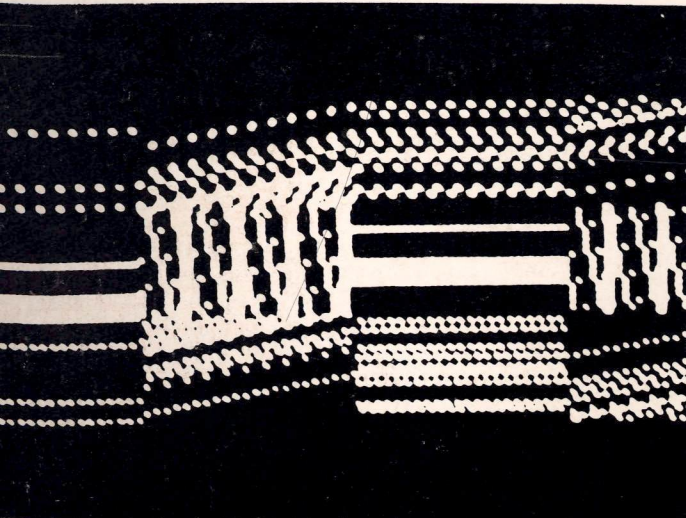
Minneapolis-Honeywell, Datamatic Division

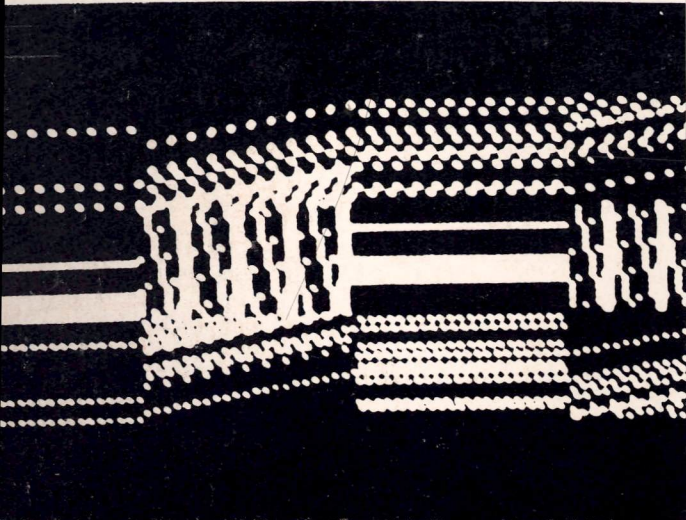
Minnesota Mining and Mfg. Co.

National Cash Register Co.

Packard Bell Electronics

George A. Philbrick Researches, Inc.





Philco Corp., G and I Division
Potter Instrument Co.
RCA-Bizmac
Reeves Soundcraft Corp.
Remington Rand, Univac Division,
Sperry Rand Corp.
Rese Engineering, Inc.
Sprague Electric Co.
Stromberg Carlson-San Diego
Sylvania Electronic Systems,
Division of Sylvania Electric
Products

Tally Register Corp.
Telemeter Magnetics, Inc.
Teletype Corp.
Union Switch and Signal, Division
of Westinghouse Air Brake Co.
Wang Laboratories, Inc.
John Wiley & Sons, Inc.

Special Trips



Two special trips to laboratories where advanced computer work is being carried on have been arranged:

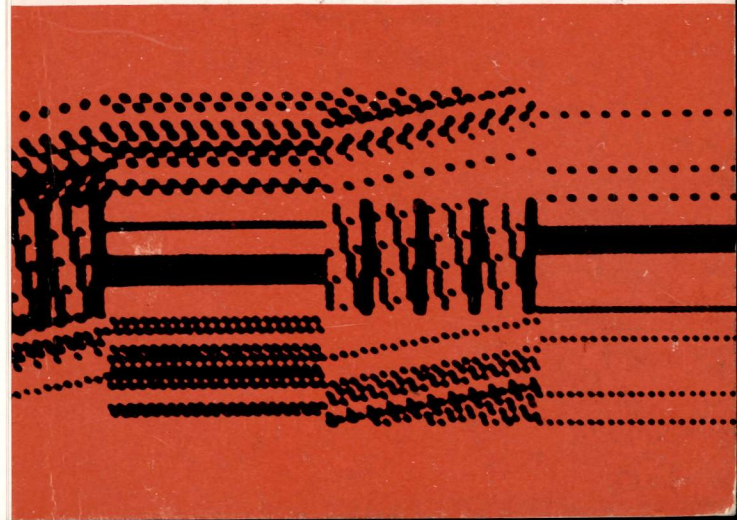
M.I.T. Lincoln Laboratory, including a tour of the TX-2 Computer, on Wednesday afternoon, December 2. Because of security regulations, foreign nationals from Iron Curtain countries will be excluded from this trip.

Arthur D. Little, Inc., including a demonstration of thin-film cryotrons, on Wednesday evening, December 2.

Registration for these trips will be on Tuesday, December 1 at

a special booth on the Statler Hilton mezzanine. A transportation charge of \$1.50 per person will be made for each trip. Only a limited number can be accommodated.

In addition to these trips, several organizations in the area will welcome visitors from the Conference. Details will be announced at the Conference.



Social Program

Reception and Cocktail Party

Tuesday evening, December 1,
from 6 to 8 p.m.

Statler Hilton Hotel

Tickets, \$4.50 per person

Dinner and Award Presentation

Thursday evening, December 3,
from 6 to 8 p.m.

Statler Hilton Hotel

Tickets, \$7.50 per person

Award Presentation

J. H. Felker, *Chairman, Program
Committee; A T & T*

**Address: The Status of Com-
puter Developments in the
Soviet Union**

W. W. Ware, Rand Corporation

Wives are cordially invited to
attend both functions.

Tickets for these events may be
ordered by advance registra-
tion or at a special booth on the
mezzanine of the Statler Hilton
Hotel.

For the Wives

The EJCC cordially invites the
ladies to join their husbands
and come to historic and cul-
tural Boston. A coffee-hour get-
together at the Statler Hilton
Hotel will launch them on each
day's exploration of the sights
and activities which only Boston
can provide. There, the wives
will have plenty of opportunity
to get acquainted and to make
their plans with the suggestions
and help of special hostesses.

General Information

Advance Registration

Conference registration may be completed in advance by mail; the deadline for advance registration is November 15. A registration card and return envelope are enclosed for your convenience. Checks should be made payable to "1959 EJCC."

Fee Schedule

General registration fees are as follows:

	<i>Advance</i>	<i>Door</i>
Member of a sponsoring society	\$4.00	\$5.00
Non-member	6.00	7.00
Student	1.00	1.00

The general registration fee includes one copy of the Conference Proceedings. Additional copies may be ordered at \$3.00 per copy at the Conference.

Student registration does not include a copy of the Proceedings. Copies may be ordered as above.

Registration

Registration desks on the mezzanine of the Statler Hilton Hotel will be open from

6:00-9:00 p.m. November 30
9:00 a.m.-5:00 p.m.
December 1, 2, 3

Hotel Reservations

Advance room reservations are being handled directly by the Statler Hilton Hotel. A hotel reservation card is enclosed for your convenience. In order to ensure your choice of room, this card should be filled out and mailed immediately to the Statler Hilton Hotel. Reservations will be confirmed if received by November 15.

Committees

Chairman

Frank E. Heart, *Lincoln Laboratory*

Program Committee

Jean H. Felker, *Chairman*;
A T & T

Robert A. Kudlich, *Vice Chairman*;
Bell Labs

Mandalay Grems, *IBM*

Ben M. Gurley, *Digital Equipment Corp.*

John W. Haanstra, *IBM*

Marvin Jacoby, *Sperry Rand Corp.*

W. J. Poppelbaum, *University of Illinois*

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W. J. Poppelbaum, *University of Illinois*

Local Arrangements Committee

Harrison W. Fuller, *Chairman*;
Laboratory for Electronics

Philip R. Bagley, *Vice Chairman*;
Mitre Corp.

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Henry E. Frachtman, *Mitre Corp.*

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Publicity and Printing

Robert Kramer, *M.I.T.*

Douglas T. Ross, *M.I.T.*

George D. Wood, Jr., *M.I.T.*

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George D. Wood, Jr., *M.I.T.*

Registration

John F. Pierce, Jr., *IBM*

Henry L. Schmitz, Jr., *IBM*

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Trips

Rollin P. Mayer, *Mitre Corp.*

Alexander Vanderburgh, *Lincoln Laboratory*

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Arthur D. Hughes, *National Co.*

Frederic W. Spearin, *National Co.*

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Exhibits

Howard I. Cohen, *Sylvania Electric Products*

Howard I. Cohen, *Sylvania Electric Products*

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Exhibits Management

John Leslie Whitlock Associates

John Leslie Whitlock Associates

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John Leslie Whitlock Associates

Further information about EJCC

1959 may be obtained by writing

to the appropriate committee

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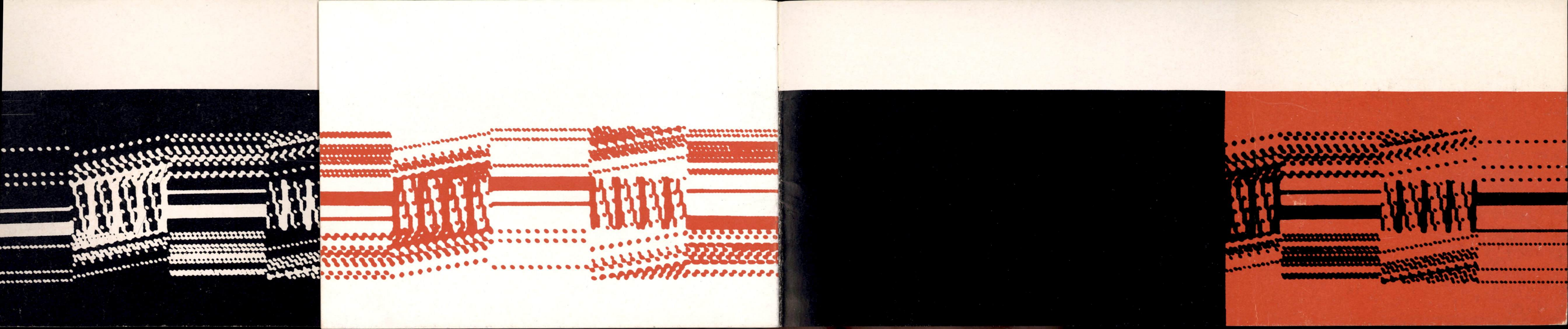
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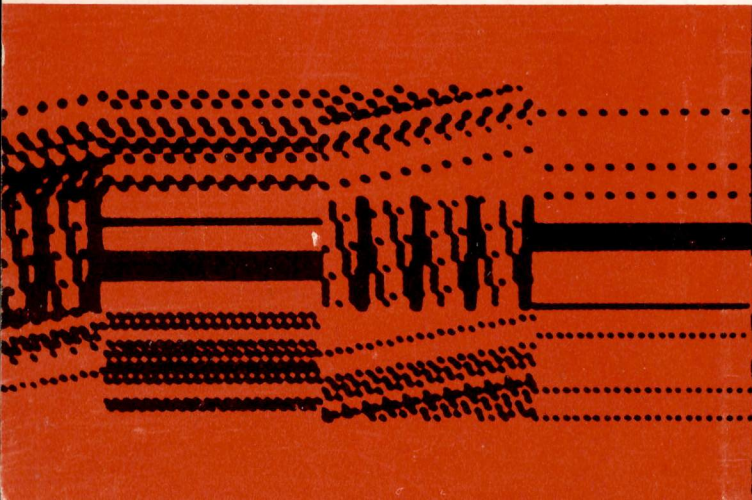
chusetts.

at Box 5, Needham 94, Massa-

chusetts.

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Subject: NOTES ON INTERDEPARTMENTAL MEETING, JAN. 13, 1959

To: K. Olsen Johnson Fadiman
Anderson Sandler Hughes
S. Olsen Best Atwood

1. Bi-weekly Reports -- Will start this Friday. Submit copy to Atwood, who will edit and produce the reports on colored stock. Reports will include titles of memos, engineering releases and engineering change notices issued during the period.
2. Interdepartmental Meetings -- More sorely needed than departmental meetings, will be attempted on some regular basis.
3. Product Releases and Engineering Changes -- Basic requirements for new product releases are (1) up-to-date schematic, (2) tested model and (3) etched wire layout. Formal parts list should still be prepared by Production, but Engineering should supply preliminary parts list or schematic about a month before expected release date. This will alert Production to anticipated requirements. This procedure to be attempted on the 605 Narrow Pulse Amplifier.

Forms for engineering releases and changes will be prepared and printed on colored stock. Also a possibility; a form for Sales to use in notifying Engineering of developments in the field pertinent to our equipment and its performance.

Limited production run should be made for Engineering whenever an engineering change is made.

Decision as to change in model number, due to engineering changes, should be coordinated with Sales.

4. New Products -- Fairchild Silicon 501 claimed to be answer to all our problems. Worth checking into. Also worthwhile: have selected manufacturers' representatives attend Engineering departmental meetings.

Long range view on our own products. What will replace Test Equipment? Ten mc equipment a likely possibility. Limited market as yet. Should be in both System Building Blocks and Test Equipment (identical boards cannot be used). Maybe we should turn out two or three models such as 10 mc clock, pulse amplifier and flip-flop. This would be starting point for adding 10 mc items to 5 mc line.

Not too interested in military jobs because of small margin. Prefer "nice" engineering assignments - and enough large projects to maintain technical skills. Present goals: (1) general purpose computer and (2) capture of the plug-in market.

Test Equipment line should not be written off too lightly. It helps to build DEC name. Also there is a good market for it.

Sabre units give us a start on a low-speed line. Economical, low-speed items needed to round out our coverage.

Other strong new-product contenders: (1) a current source-- such as we are already making for RCA--and (2) a package counter.

5. Special Systems -- Possibilities on the horizon include (1) General Ceramics, (2) Daystrom and (3) IT&T Labs.

Projects include fast-time current sources, small memories, plug-in units to replace IBM equipment, and entry units.

May also have a shot at USAF digital data converters. Design already done by Bell Labs. Western Electric has contract but may not be able to meet schedule. We feel we could.

6. Expansion -- Present requirements indicate immediate need for 20 to 23 more people, spread through all departments. Backlog amounts to three to four months' production capacity.

7. Profit and Loss -- Good.

Chairman
Frank E. Hea
Lincoln Lab.

Program Committee
Jean H. Fell, Bell Labs.

Publication Committee
Harlan F. Anderson,
Digital Equipment Corp.

*Local Arrangements
Committee*
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Finance
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Publicity and Printing
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John F. Pierce, Jr., IBM

Trips
Rollin P. Mayer,
Lincoln Lab.
Alexander Vanderburgh,
Lincoln Lab.

Hospitality
Arthur D. Hughes,
National Co.
Frederic W. Spearin,
National Co.

Exhibits
Howard I. Cohen, Sylvania

Exhibits Management
John Leslie,
Whitlock Associates



1959

Eastern Joint Computer Conference

December 1, 2, 3, 1959

Statler Hilton Hotel, Boston

In Reply Address

P. O. Box 5,
Needham 94, Massachusetts
P. O. Box 73
Lexington 73, Mass.

June 13, 1960

Miss Margaret Fox
Secretary, NCC
c/o National Bureau of Standards
Washington 25, D. C.

Dear Margaret:

We have recently closed the books on the 1959 Eastern Joint Computer Conference. Enclosed are a check for \$4044.44 and several copies of a final financial statement. If we receive any further payments (or bills!), we will forward them to you directly.

Under separate cover I am forwarding to you one copy of a collection of documents and pertinent correspondence relevant to the conference. I am also trying to prepare a short summary report for wider distribution, but this has not yet been accomplished.

Sincerely yours,

FEH

Frank E. Heart

FEH/mt

CC Jean Feller
Robert Kudlich
Harlan Anderson ✓
Harry Fuller
Dave Bailey
Harry Goode
Arnold Cohen
R. S. Gardner
Richard W. Huming

1 9 5 9 E A S T E R N J O I N T C O M P U T E R C O N F E R E N C E

FINAL FINANCIAL STATEMENT

INCOME

NJCC Advance	\$ 1200.00	
Permit Refund - 1958 EJCC	28.86	
Exhibit Income (Net to date)	18757.20	
Registration Income	12572.56	
Sale of Proceedings (Extra copies)	375.00	
Cocktail Party Tickets	2848.50	
Dinner Tickets	1399.40	
Trip Tickets	384.00	
Proceedings Reprints	<u>1840.00</u>	
Total Income		\$39405.52

Accounts Receivable

Proceedings Reprints	\$ 20.00	
Exhibit Income (.6 x \$288.00, less 15% collection fee)	<u>146.88</u>	
Total Accounts Receivable		\$ 166.88

EXPENDITURES

Printing and Publicity	\$ 8732.45	
Proceedings (Including Reprints)	17277.59	
Hotel	1846.96	
Registration	405.25	
Hospitality	304.20	
Exhibits	207.00	
Award	328.46	
Miscellaneous Administrative Expenses	1331.87	
Cocktail Party	2905.70	
Dinner	1821.60	
Trips	<u>200.00</u>	
Expenditures to Date (1 June 1960)		\$35361.08
<u>Accounts Payable</u>		
Due NJCC	\$ 1228.86	
Total Accounts Payable		\$ 1228.86
Total Expenditures		\$36589.94
Total Income		\$39405.52
Total Expenditures		<u>36589.94</u>
Total Profit (Plus about 1000 extra copies of Proceedings @ \$3.00 = \$3000.00)		\$2815.58
Accounts Receivable (Not included in Total Income)		166.88

D. L. Bailey
H. E. Frachtman
Finance Committee

May 27, 1960

Mr. Frank E. Heart
Lincoln Laboratory
Box 73
Lexington 73, Massachusetts

Dear Frank:

Here is a brief review of the 1959 Eastern Joint Computer Conference Publication Committee work.

The Plan - The plan of the 1959 EJCC Publication Committee was to publish the proceedings of the conference more rapidly than had been done at previous joint computer conferences and yet not jeopardize the quality of the book in view of its permanent value to people interested in the field. We planned to do this by imposing firm deadlines on the authors for written copy and by eliminating many of the sequential steps involved in preparation of the report. This meant, for example, that we imposed a firm deadline of November 15 (two weeks before the first day of the convention) for final copies of the papers to be in my hands. Authors were advised well ahead that if they failed to meet this deadline for the written material, their paper would neither be printed in the proceedings, nor would they be allowed to deliver it at the conference.

In previous years the proceedings of the conference had been printed by one of the sponsoring societies. In the past this fine cooperation helped to keep the work required of the publication committee to a reasonable amount and also represented an economical printing source since our requirements were then meshed with other printing requirements of the sponsoring societies. However, these advantages were partially offset by the fact that this represented one additional organization involved in the sequential chain of events. It was therefore decided that we would attempt this year to print the proceedings by utilizing a local printer with whom the publication committee would deal

May 27, 1960

directly. The motivation for doing this was to be able to print the proceedings more quickly to increase their usefulness to the recipients. The original plan called for a total of twenty papers with the program committee trying hard to keep a single session convention with a high quality of papers.

The Results - The results were satisfactory in almost all respects. We had set ourselves an internal goal of having the proceedings printed within sixty days of the end of the conference, which would have meant February 3, 1960. Actually we received our first complete printed copies on March 1, 1960. This represented a significant improvement in the printing time over previous conferences. The authors, with only a small amount of grumbling, met the November 15th deadline for having complete transcripts in our hands. We had galley proofs for some of the papers ready for author checking during the convention and also had some of the questions and answers available for author checking during the convention. The number of papers to be printed had significantly increased since the original budgeting estimates had been made, and we ended up printing 31 different papers plus a discussion-type meeting on pattern recognition. Four of these papers were stand-by papers, so to speak, which would be presented at the conference in the event that any of the main authors did not meet their deadline. The result of this was that the size of the book became much larger than what we had anticipated, and therefore cost more money, and the amount of work involved in getting the papers ready for the printer was more than had originally been anticipated. One of the members of our committee (John L. Atwood of Digital Equipment Corporation) had had a significant and unusual amount of experience in dealing with printers and did the lion's share of the work involved in getting the material to the printer. In addition, extensive help in the way of proofreading, art service, mailing service, etc., from Digital Equipment Corporation's advertising department was furnished (at no charge) in an effort to keep the publishing price as low as possible, but still print as quickly as possible. Approximately 3,600 copies of the proceedings were printed. This included an extra thousand to be divided

May 27, 1960

between the three sponsoring societies. They were budgeted to cost under \$3 and in fact cost over \$4.

No real thought had been given ahead of time to the problem of reprints for the authors. There seemed to be a requirement for two types of reprints. The first of these was for a large number (approximately 1000) to be used by the author's sponsoring company for promotional purposes. The second requirement for reprints was for a small number (100 or less) to be used by the author personally in distributing to individuals who contacted him.

We operated on the philosophy that the person who could best do the proofreading after type had been set was the author himself. This may have been an unnecessary precaution in view of the fact that this phase of the preparation consumed the largest amount of time. Some organizations required the author to go through the internal approval procedure for release of information in checking the proofs. Other delays of a minor nature were occasioned by the fact we sent many of the things through the mail registered and they were thus treated as security information within companies, and all the delays that result from security were heaped on the problem.

The Recommendations - For the use of future publication committees, I would make the following recommendations:

1. Base the budget of the publication on a firm size for the proceedings. This must be worked out jointly, of course, with the program committee to determine the number of papers, and should be adhered to after it is decided upon in the interest of the budget. Reasonable upper limits on the size of individual papers might be very desirable. The cost of printing is almost directly proportional to the number of pages in the book.

2. Impose tighter constraints on the form in which the authors submit their papers. We used the IRE Guide to Authors, which, in my opinion, was not quite tight enough. I have not seen the AIEE Guide to Authors, but I understand that it is the opposite

May 27, 1960

extreme. Authors are motivated to cooperate with this type of thing and can be required to do so, as was done in the case of the deadline date. This turned out to be most effective and most helpful.

3. Keep the size of the publication committee as small as is reasonable. One of the main functions of the publication committee is a coordination function, and this is more easily accomplished if the number of people involved is small.

4. Omit proofreading by authors unless there have been any significant changes made in the author's paper during the editorial work.

5. Utilize a printing source as near to the following ideal as possible:

- a. Geographically convenient to the publication committee.
- b. Economical.
- c. Quick service.
- d. As complete as possible. For example, the printing organization should handle layout; setting of type; styling, if any; proofreadings; mailing; etc. Note this does not rule out the desirability of working through the printing services of the sponsoring societies.

6. Print in a format identical to one previously used. For example, we patterned the 1959 EJCC proceedings after the WJCC proceedings of the year before, which was printed by the IRE. This helps in eliminating many decisions and gives the printer a good idea of what you want.

7. Retain the discussion and questions and answers as far as possible. Recording this material by means of a stenotype service during the conference turned out to be not terribly useful. Recording the questions and answers by means of a portable dictating machine, which we did in addition to the stenotype service, turned out to be much more useful. The technique we used for this was to arrange for a special speaker connected to the public address system

Mr. Frank E. Heart

- 5 -

May 27, 1960

in the meeting room to be available; and we merely held an ordinary dictating microphone in front of the speaker.

8. Do as much work before the actual convention occurs as is possible since the spirit and motivation of the committee members and authors and everyone else are highest at this time to cooperate with you.

I hope these remarks will be helpful to future people cooperating on the publications work.

Sincerely,

Earlan E. Anderson
1959 EJCC Publication Chairman

HEA:ecp

COPY

GOMER L. DAVIES
CONSULTING ENGINEER
15510 NORWOOD PIKE
SILVER SPRING, MARYLAND

November 17, 1959

Mr. Harlan E. Anderson
Digital Equipment Corp.
Maynard, Massachusetts

Dear Mr. Anderson:

I wish to order a copy of the Proceedings of the Ninth Eastern Joint Computer Conference, to be held in Boston on December 1-3, 1959.

It is my understanding that the cost is \$3.00 per copy. I shall be glad to remit promptly upon receipt of the publication.

Thank you for your prompt attention.

Sincerely yours,

Gomer L. Davies
Gomer L. Davies

Andy —

Please
answer —

Frank

REPUBLICA DE VENEZUELA
MINISTERIO DE MINAS E HIDROCARBUROS

Dirección de Economía
División de Sistematización

No. _____

Frank Heart
LL
B-283

Caracas, October 23, 1959.

Mr. John M. Broomall
Burroughs Corporation
Paoli, Pennsylvania

Dear Mr. Broomall

Please let us know whether the Proceedings of the Eastern Joint Computer Conference that is to be held at the Startler Hotel in Boston from December 1-3, 1959, are to be published and what would be the cost to have them sent to us, in Venezuela.

Very truly yours,

Rafael Seijas R

Rafael Seijas Reytor
Chief, System Div.

RSR/mvr.

1959 EJCC

DEC Bill - \$500 roughly

- ✓ 1. Dollars $4.42/\text{copy} + .14 = 4.56$
- ✓ 2. Remaining Copies - Send letter and explain availabil. of extra copy.
- ✓ 3. Returned copies - Check directories and forget masters
- ✓ 4. Duplicate copies - Hold do nothing.
- 5. Flyer.
- ✓ 6. Billing of reprints.

16 little orders	\$160
7 large orders	\$1700
- ✓ 7. Original manuscripts and printer plates.
- 8. Copyright -





Research Center
P.O. Box 218, Mohansic Laboratory
Yorktown Heights, New York

International Business Machines Corporation

Telephone: Peekskill 7-6600

December 4, 1959

Dr. Harlan E. Anderson
Digital Equipment Corporation
Maynard, Massachusetts

Dear Dr. Anderson:

May I congratulate you on your part
in the very successful EJCC Meeting this year.

As General Chairman for 1960, I
would like to ask your help in simplifying the job of
your successor. While Frank Heart has promised
me a copy of any report that you submit to him, you
may have some additional message that you could
give me to pass on to the fellow who does next year
what you have just finished doing.

I hope that we can put on as good a
show as you have done this year.

Thank you.

Sincerely yours,

Nat Rochester

Nathaniel Rochester

ed

*Very good
fine letter*



digital equipment corporation

engineering and manufacturing

MAYNARD, MASSACHUSETTS

TWINOAKS 7-8821

December 29, 1959

Mr. C. B. Crumb, Jr.
Administration Building, Room 118
King County Airport
Seattle 8, Washington

Dear Mr. Crumb:

Thank you for your comments on our undated letter to EJCC authors regarding reprints of individual papers. It is always helpful to have the people you are working with tell you what is on their minds. It provides the opportunity for an exchange of views and information that can result in better understanding on both sides.

The original ^{is} sentiment of the EJCC Committee was to have the Publications Committee stay out of the reprint business in order that nothing interfere with publication of the "Proceedings" in the shortest possible time. As you may be aware, the papers of many technical conferences have only archival value by the time they finally appear. Our aim is to make the information imparted at the EJCC generally available in time for it to be still interesting and helpful to the computer world.

I think you can judge from your own experience how much effort is involved in the preparation of the "Proceedings." Editing thirty-one papers, type styling them for the printer, checking the galley proofs, getting them to the authors, incorporating the editorial changes and any additional text, checking the reproduction proofs, making the page paste-ups--this in itself is a major production. Add to this the same procedure with the transcripts of the question and answer periods and the sizing, cropping and retouching of the illustrations, and you begin to see why publications of this type usually take months and months to prepare.

We are talking in terms of weeks rather than months. And to accomplish this goal, we are having to be somewhat arbitrary in our decisions, not only as to what we expect of the authors and the printer but also as to what we do with our time. We are concentrating our efforts on publishing a document that is as accurate, as worthwhile and as timely as we can possibly make it.

In spite of this pressure, we prevailed upon the General Committee to let us find a way of satisfying the requests for reprints which you and a number of the other authors had made, provided it did not delay the publication of the "Proceedings." The only way we could do this was to arrange with the printer who is running the "Proceedings" to handle the reprints as well.

Since he is a competent commercial printer, he has to deal in quantities which suit his equipment -- and, believe me, 1000 copies is a most generous minimum. He also has to be paid at least what it costs him to produce the material. The "Proceedings" is being run offset on large presses using large plates which accommodate many pages. Press sheets from this run would not make suitable reprints, as any of your friends with graphic arts experience can tell you. Instead, the reprints are run on small presses using small plates made from negatives which have been rearranged for this purpose.

So, as you surmised, the preparation of the "Proceedings" involves all the operations mentioned in our letter, but these same operations must be carried out in a different manner in order to make reprints of individual papers. And, as you also noted, the cost of the "Proceedings" was included in the registration fee, but not the cost of special reprints.

The authors are not, as you presumed, being asked to underwrite the preparation of the "Proceedings." This is being done to a large extent by my own small concern, which is contributing generously of the time of a vice-president, a chief engineer and an advertising manager, as well as assorted secretaries, writers, artists, and delivery boys. We are also contributing materially, in postage and supplies and in special services (such as obtaining photo prints of your additional slides and completely redoing the artwork because the resultant prints were not suitable for reproduction), and we are contributing personally, in the many hours of off-duty time which are being devoted to this project.

The prices and quantities quoted for reprints are not unreasonable. They are not the prices and quantities we might have obtained from a small job shop or a cellar-type operator. They are not what we might have offered if we had the time and the people to arrange for the reprints to be run on in-plant multi-liths by NJCC member companies in the vicinity. However, they are prices which are apparently acceptable to a number of the companies whose people were on the EJCC program and who have ordered reprints of their papers.

Since you and one other author, Gerard Salton of Harvard, have entered vigorous protests, Harlan Anderson and I have decided to go contrary to the wishes of the General Committee once again and see what arrangements we can make for low-cost, short-run reprint service. As soon as we have word on this, we will let you know. In the meantime, please understand that this will have to have a low priority and try to bear with us.

Sincerely,

John L. Atwood

JLA:sj
cc: Dr. C. E. Rupe
H. E. Anderson
F. E. Heart

COPY

Chairman
Frank E. Heart,
Lincoln Lab.

Program Committee
Jean H. Felker, Bell Labs.

Publication Committee
Harlan F. Anderson,
Digital Equipment Corp.

*Local Arrangements
Committee*
Harrison W. Fuller, LFE
Philip R. Bagley,
Lincoln Lab.

Finance
David L. Bailey, MITRE
Henry E. Frachtman,
MITRE

Hotel
S. Paul Blumenthal, LFE
Alfred E. Ventola, Jr., LFE

Publicity and Printing
Douglas T. Ross, MIT
George D. Wood, Jr., MIT
Robert Kramer, MIT

Registration
Henry L. Schmitz, Jr., IBM
John F. Pierce, Jr., IBM

Trips
Rollin P. Mayer,
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Exhibits
Howard I. Cohen, Sylvania

Exhibits Management
John Leslie,
Whitlock Associates



1959

Eastern Joint

Computer Conference

December 1, 2, 3, 1959

Statler Hilton Hotel, Boston

In Reply Address
P. O. Box 5,
Needham 94, Massachusetts

Address reply to:
Lincoln Laboratory, B-129
Lexington 73, Mass.
October 7, 1959

Plant visits for the EJCC will be arranged somewhat differently than heretofore. Two types are planned:

1. Official JCC trips - transportation, tickets, registration and other arrangements handled by trips committee. Organizations to be visited are providing lectures and demonstrations.
2. Unofficial trips - trips committee will provide publicity in the form of a bulletin board at the conference. This bulletin board will be available for all concerns who wish to invite conference attendees to their plants.

Plant visits of the first type will be limited in number, but we would like to consider all enthusiastically interested parties.

If you wish to use the bulletin board, we ask you to send us a 4 x 6 card to be posted. The card should give the following information:

1. Name of company.
2. Address (Complete to specification of the door to be used by visitors.)
3. Name of Person to ask for.
4. Dates and Hours
 - a) For guided tours, please specify starting time.
 - b) For open house, please specify time period.
5. Description of exhibit.
6. Recommended transportation.

If you are interested in an official trip, please phone me at Volunteer 2-3370, Ext. 7354. If you expect to use the bulletin board please send your 4 x 6 card as early as possible. It need not be complete - you can change it at any time before or during the conference. We would like to know as soon as possible so that we can specify the size of bulletin board we will need.

We have tried to contact everyone who might be interested. If you know of anyone who was missed, please forward this letter to them.

I hope we shall be hearing from you.

Sincerely yours,

A. Vanderburgh, Jr.
A. Vanderburgh, Jr.

AV:mk

Chairman
Frank E. Heart,
Lincoln Lab.

Program Committee
Jean H. Felker, Bell Labs.

Publication Committee
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Digital Equipment Corp.

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John Leslie,
Whitlock Associates



1959

**Eastern Joint
Computer Conference**

December 1, 2, 3, 1959

Statler Hilton Hotel, Boston

In Reply Address
P. O. Box 5,
Needham 94, Massachusetts

MANUSCRIPT INSTRUCTIONS TO AUTHORS

You will have two means of communicating your 1959 Eastern Joint Computer Conference paper to the computer field, orally and written.

Past conferences have shown that the Proceedings of the E.J.C.C. are an important and lasting record of the meeting. To maximize the usefulness of this material two important points must be kept in mind.

1. the written record must be distributed soon after the conference.

and 2. the material must be prepared in a clear manner.

DEADLINES

Four copies of your final manuscript and all drawings and photographs must be in the hands of the Publications Committee by November 15, 1959. Send them to:

Harlan E. Anderson
EJCC Publication Committee
Digital Equipment Corporation
Maynard, Massachusetts

E.J.C.C. Steering Committee voted not to print papers that failed to meet this deadline.

During the conference itself (December 1-3) you will be contacted by a member of the Publications Committee for a final check on any editorial changes that may have been made on your paper. It is hoped that galley proofs from the printers will be available at that time.

Review of the text of questions and answers as recorded by stenotypists will also be carried out during the conference if at all possible.

MATERIAL PREPARATION

Title

The title should be short if possible but not so short that the subject will not be indicated clearly. The author should remember that a paper is indexed by significant words in the title and that many readers of the PROCEEDINGS select the papers they read from the table of contents. The title, therefore, should be carefully chosen. Six to eight words is the usual maximum length.

Abstract

The abstract should be really informative and should outline the essentials of the paper within the compass of about 200 words or less. It should be meaty enough to serve as a complete abstract for such services as Science Abstracts or the Abstracts and References section of the PROCEEDINGS. The author should ask himself if he is willing to accept his abstract, without the rest of the paper, as a fair statement of what he has accomplished. The problem should be clearly stated, the method of attack outlined, and numerical results, where possible, included. In general neither references nor equations should appear in the summary. The essence of a good abstract is a concise statement in plain English of just what has been done and why.

Figures and Tables

It is very helpful to readers of all classes if tables, figures, curves, etc. can be arranged so that they are self-explanatory and can be used with a minimum of reference to the text. The quantities and units used in plotted curves should be given clearly, and the captions worded to convey as much information as possible to the engineer who is merely leafing through his copy of the PROCEEDINGS. If his attention is caught by curves that mean something to him, he is much more likely to read the paper. A caption such as "Plot of X_0/y versus s for various values of the parameter n ," will not enlist the interest of many readers. It is better to say, "Axial sound-pressure curves of electrostatic loudspeaker for various diaphragm thicknesses."

Manuscript

Manuscripts should be typed on one side of the sheet only and double spaced. All illustrations should be referred to in the text by figure number. All footnotes should be numbered.

Footnote references must be complete. Authors' initials, title of article, volume and page numbers, and month of publication should be included. The complete reference should be as follows:

For a periodical: R.N. Hall "Power rectifiers and transistors." PROC. I.R.E., vol. 40, pp. 1512-1518; November, 1952.

For a book: W. A. Edson, "Vacuum Tube Oscillators," John Wiley and Sons, Inc., New York, N.Y., pp. 170-171; 1948.

Illustrations

Drawings for printing must be in black ink on white paper or on tracing cloth. Photographs must be glossy prints. The size should not exceed $8\frac{1}{2}$ by 11 inches.

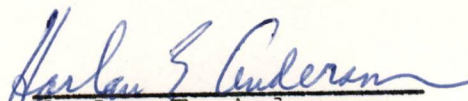
It should be borne in mind that most illustrations will be reduced in size to a $3\frac{1}{2}$ column width when printed. It is particularly important, therefore, that all letters, numbers, and lines be drawn large enough and heavy enough to remain legible after reduction.

Drawings with typewriting on them are not acceptable. All information to be reproduced must be hand lettered in ink.

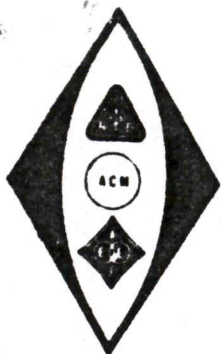
Graphs should be drawn with only the major coordinate lines showing. A chart containing a large number of closely spaced lines will not reproduce legibly.

Captions, if they are included on the drawing itself, should not appear within the area to be reproduced. They should be placed under the illustrations.

Please feel free to contact me, if you have questions concerning any of the material above.



Harlan E. Anderson
Chairman, Publications Committee



JOINT COMPUTER COMMITTEE

October 23, 1959

TO: National Joint Computer Committee

1. Policy Manual

A committee consisting of myself, Willis Ware, and Paul Armer met on September 30 to discuss the contents of a policy manual to guide Joint Computer Conference Committees. I am enclosing a draft of our proposals. It is double spaced for your convenience in writing comments to bring to the committee meeting in December.

2. Russian Exchanges

Paul Armer, Morris Rubinoff, Sam Alexander and I met on September 30 by means of a conference phone call to discuss the subject of future Russian exchanges. The enclosed memorandum contains the conclusions that we reached and will present at the committee meeting in December.

3. Election of New Chairman of the NJCC

At the next meeting of the NJCC it will be the function of the three sponsoring society heads, namely Mr. Endres, Mr. Imm, and Mr. Hamming to select a new NJCC chairman and vice-chairman for the coming year. Based on my own experience as chairman, I feel that the chairman should serve for two years if he is able so as to give the societies the maximum benefit of the experience he gains in the first year. I would like to therefore suggest that we start an informal tradition of re-electing the chairman and vice-chairman for a second term and then giving the chairman's job to the vice-chairman and electing a new vice-chairman. This will result in the vice-chairman being in office for four years but he will only have to work hard for two of them. I would prefer not to put these rules into the by-laws so that we can keep the flexibility of being able to make a change earlier if conditions warrant.

Sincerely yours,

A handwritten signature in cursive script, appearing to read 'M. M. Astrahan'.

M. M. Astrahan
Past Chairman

MMA:ed

Enclosure 2

September 30, 1959

Subject: Joint Computer Conference Policy Manual

1. Publications

- a. The emphasis shall be on speed of publication. The committee is free to use the society publication facilities or any other experienced publisher after getting cost and time estimates. The existing cover and general format should be adhered to.
- b. If the proceedings are printed from type there should be two columns per page. In order to speed up publication, offset printing may be used. Justified margins are preferred but not essential.
- c. The publication should be available at the conference or no later than three months afterwards.
- d. Discussions of papers should not be published verbatim as this has been proven to be a time consuming operation. However, one person might be appointed to write a summary of the discussion if the publication is to take place after the conference.
- e. A subscription list should be maintained by the secretary-treasurer so that libraries and individuals can order each year's proceedings in advance. A fixed subscription price as well as price for single copies at the conference should be set each year. Starting suggestions might be \$5 per copy and \$10 per year.
- f. The proceedings should be included in the registration fee for the conference even if the registrant is already a subscriber.

- g. A special form should be provided for ordering extra copies at the conference. Extra copies should not be ordered by filling out extra registration forms.

2. Mailing List

Until such time as a permanent headquarters staff and professional conference manager is available, the growth of the size of the conferences must be restricted. Also, the present mailing list is excessively large. One possible solution is to mail advance publicity to society members only. Others wanting to be put on the list would be told to join one of the societies; however, since many of the exhibitors are interested in the nonsociety members who attend, it might also be desirable to mail advance publicity to the previous year's registrants. It is thus suggested that we drop the present mailing list and use, instead, labels provided by the three sponsoring societies at the time of mailing, plus the list of previous year's registrants, and ignore the overlap. Of course, those who write in for information during the year, will receive it, but their names will not be added to a permanent list.

3. Exhibits

- a. The use of professional help is optional. However, if the professional arrangements continue satisfactory in the eastern conferences, it would be desirable to continue the arrangement there.
- b. Mailing lists of potential exhibitors are the property of the NJCC and each conference's list should be made available to the other conference

whether or not professional help is used.

- c. Deposits may be received from previous exhibitors in advance of the regular exhibit publicity. Otherwise the advances will have to be raised to at least \$1000/sponsor.
- d. Each committee must use their judgement as to the dignity and relevance of the exhibitors.
- e. Space must be provided for the sponsoring societies membership activities.
- f. The hotel must agree to control the sales activities of non-exhibitors. They must not be allowed in the conference hallways and doors in competition with paying exhibitors.
- g. Exhibitor badges should be valid for the exhibit area only. Exhibitor personnel who attend the meetings should register.
- h. There is no need for a cocktail party for exhibitors.
- i. A member of the exhibits committee should be on duty at all times during the exhibition.

4. Finances

- a. The advance should be passed directly from conference to conference, that is, immediately after the end of one conference the amount of the sponsoring society advances should be turned over to the Treasurer of the next conference. This process will be terminated by failure of the sponsoring societies to approve a conference for a particular year. The Treasurers will notify the NJCC Secretary-Treasurer when this transfer

takes place and she will notify the sponsoring societies.

- b. The registration fee should be set such that the conference will break even with the minimum expected attendance and number of exhibitors.
- c. Social functions should be planned to pay their own way, not counting the freeloaders. These should be charged to another fund.
- d. Free registration should be provided for speakers. The conference working committee should receive free registration and cocktail party tickets. Free meals should be provided for luncheon and dinner speakers. If finances permit, it should also be provided for local and national committee members invited to sit at the head table. Such invitations should be issued in advance of the conference.
- e. A budget should be submitted to NJCC early in the conference year.
- f. When Conference Committee dinner meetings are the efficient way to operate, the conference should pay the committee dinner expense.
- g. There may be other occasions for conference supported dinners, such as a warm up for panel discussions to enable the participants to meet each other or as a courtesy to a prominent guest.
- h. AIEE and IRE policy is not to pay the travel expenses for speakers. This should be made clear to invited speakers.

5. Program

- a. The quality of the papers should be put foremost. If there are insufficient good papers for the time planned, the conference should be shortened or

- more time allowed per paper or more discussion time or free time allowed.
- b. There should be duplicate sessions only if the number of GOOD papers warrant.
 - c. Facilities for registrants to meet to discuss particular topics of interest should be encouraged, likewise panel discussions. No attempt should be made to record discussions verbatim at these sessions.
 - d. Complete papers should be available at the time final selection is made. One person or a small coherent group must be responsible for the final review and selection. This function cannot be decentralized. After selection the session chairmen can do the followup.
 - e. Invited papers from known good speakers should be encouraged.
 - f. Session chairmen should take pains to review the visual material to be presented by the speakers and see that it adheres to accepted standards of visibility from the rear of the audience.
 - g. The presentation time for each individual paper should appear in the program and these times should be rigidly enforced.
 - h. Questions should be submitted in writing during and immediately after the presentation of the paper and should be discussed immediately after the paper presentation. A supply of question cards should be included in the registration kit. If the proceedings were available at registration, questions may be submitted before the presentation and these should be given priority.
 - i. Questions and answers will not be published in the proceedings, although a summary of them might perhaps be.

6. Publicity

- a. Since the conference is not primarily a money making affair seeking maximum registration, there is no advantage to be gained from actively seeking popular press publicity. However, the technical press should be kept well informed for the benefit of the computer industry.
- b. There should not be a hired publicity agent.
- c. There is no need for a press conference or cocktail party.

7. Registration

- a. The registration card should ask for name, company name, local address, mailing address for proceedings and publicity, and society affiliation.
- b. Posted registration lists should not include the mailing address.
- c. Policies of allowing and not allowing advanced registration have both been successful. The most important thing is to have sufficient personnel to handle the first morning registration rush. With advanced registration the problems of refunds to no-shows and handling those who register after the deadline and expect to be accepted must be faced. Advance registration is of questionable value as a predictor of attendance. It can save time at registration, however, if well organized.
- d. The registration list is available only for noncommercial use as directed by the NJCC chairman.
- e. There should be a lower registration fee for full time students. These should have a different colored badge.

8. General

- a. Cosponsorship arrangements with other societies must be approved by the NJCC. Joint sponsorship of sessions without financial participation needs only the NJCC chairman's approval.
- b. Each year's committee should be chosen sufficiently ahead of the previous conference to allow committee members to get actual experience by working with their predecessors at the conference.
- c. The new conference chairman should receive the policy manual as well as detailed procedure information automatically from the Secretary-Treasurer after his appointment.
- d. The detailed procedure information should consist of a selected set of committee reports from previous conferences. Each committee is responsible for adding to or revising these reports.
- e. The Conference Committee should meet monthly. Minutes of the conference committee meetings go to the whole NJCC.
- f. The NJCC chairman or vice-chairman and any other available members should have a joint review meeting with the conference committee about six or eight months before the conference.
- g. Cocktail parties, luncheons, banquets, trips, and women's activities are all optional but traditional. They should be self liquidating not counting the expenses of those previously designated as free-loaders.
- h. Recruiting notices should be limited to a maximum of 4 x 6 inches and

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should be placed on a specific board. This policy should be publicized by notices to the potential exhibitors and to any other organizations considered likely to be recruiting.

- i. A listing of the location of hospitality and recruiting rooms should be provided.

P. Armer
M. M. Astrahan
W. H. Ware

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
LINCOLN LABORATORY
LEXINGTON 73, MASSACHUSETTS

Volunteer 2-3370

23 December 1959

Mr. William H. Higgins
Associaton for Computing Machinery
2 East Sixty-Third Street
New York 21, New York

Dear Mr. Higgins:

Re your letter of 18 December 1959, I would like to inform you concerning our publication plans for the Proceedings of the 1959 Eastern Joint Computer Conference.

In a fashion similar to all previous EJCC, we did not prepare preprints of the papers for distribution at the conference. Although I realize that the ACM has successfully done this in the past, the joint computer conferences on the East Coast have not employed the preprint arrangement and it was not employed in 1959.

We are planning to publish Proceedings of the conference, and in fact, we are making a very special effort to have these Proceedings available within one and one-half or two months. As per the instructions of the National Joint Computer Committee, we are over-printing one thousand copies of the Conference Proceedings, (over and above the number required for the conference attendees), for later distribution by the three sponsoring organizations. Pursuant to this arrangement, I am assuming that roughly three hundred copies would be available to the ACM for sale by the ACM at three dollars per copy. I assume that such copies are purchased by the ACM for resale, but I am by no means an expert in NJCC financial matters. We are simply charging this over printing to NJCC and will ship the extra copies as per NJCC instructions.

I might also inform you of an additional service which is being made available to authors and would be available to any other interested person. As part of the printing procedure for the Proceedings, it is possible for us to obtain reprints of specific individual papers on a cost basis. If for some reason there were people who wished a large number of copies of a particular paper, reprints could be requested on this special service basis.

If you have additional questions in connection with EJCC publication plans, please do not hesitate to write again.

Very truly yours,

FEH

Frank E. Heart

FEH/bb

cc: H. W. Fuller
R. W. Hamming
H. E. Anderson

ASSOCIATION FOR COMPUTING MACHINERY

R. W. HAMMING, *President*
Bell Telephone Laboratories
Murray Hill, New Jersey

JACK MOSHMAN, *Secretary*
Corporation for Economic & Industrial Research
1200 Jefferson Davis Highway
Arlington 2, Virginia

COUNCIL

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J. G. Steward
D. Teichroew
F. M. Versuh
J. H. Wegstein
M. V. Wilkes



2 EAST SIXTY-THIRD STREET
NEW YORK 21, NEW YORK

December 18, 1959

Mr. F. E. Heart
Lincoln Labs
Lexington, Massachusetts

Dear Mr. Heart:

In connection with the Eastern Joint Computer Conference recently held in Boston on December 1 to 3, 1959, will any copies of the preprints be sent to us?

As in the past, we get quite a few requests for these preprints and I am writing to ask if any extra copies are going to be sent to us. In the past we have always received copies a week or two after each conference.

Cordially yours,

William H. Higgins
Administrative Assistant

WHH/ahw

cc: Mr. H. W. Fuller
Laboratory for Electronics, Inc.
Boston, Massachusetts

151 Needham Street
Newton 61, Massachusetts
October 9, 1959

Mr. R. A. Kudlich
Bell Telephone Laboratories
Room 5C-101
Mountain Avenue
Murray Hill, New Jersey

Dear Mr. Kudlich:

I appreciate the time that the program committee has spent in reviewing my paper. The suggestion that an attempt be made to give the paper more unity is a good idea. With this in mind, I would like to change the title to: Control and Arithmetic Techniques in a Multi-programmed Computer.

In the presentation of the paper, I will attempt to achieve a measure of unity by means of introductory remarks and overall presentation.

Incidentally, please note that the correct listing of the company affiliation is: Datamatic Division,
Minneapolis-Honeywell Regulator Company

I am sure that the effort expended by the Program Committee will contribute significantly toward making the 1959 E. J. C. C. papers interesting and worthwhile.

Sincerely yours,

Norman M. Lourie

Norman M. Lourie
Assistant Project Manager
Datamatic Division
Minneapolis Honeywell Regulator Co.

NL/ggl

Copy for R. A. Kudlich:

Bob:

I understand you will
discuss this paper with
Lourie.

Jean

Chairman
Frank E. Heart,
Lincoln Lab.

Program Committee
Jean H. Felker, Bell Labs.

Publication Committee
Harlan F. Anderson,
Digital Equipment Corp.

*Local Arrangements
Committee*
Harrison W. Fuller, LFE
Philip R. Bagley,
Lincoln Lab.

Finance
David L. Bailey, MITRE
Henry E. Frachtman,
MITRE

Hotel
S. Paul Blumenthal, LFE
Alfred E. Ventola, Jr., LFE

Publicity and Printing
Douglas T. Ross, MIT
George D. Wood, Jr., MIT
Robert Kramer, MIT

Registration
Henry L. Schmitz, Jr., IBM
John F. Pierce, Jr., IBM

Trips
Rollin P. Mayer,
Lincoln Lab.
Alexander Vanderburgh,
Lincoln Lab.

Hospitality
Arthur D. Hughes,
National Co.
Frederic W. Spearin,
National Co.

Exhibits
Howard I. Cohen, Sylvania

Exhibits Management
John Leslie
Whitlock Associates



1959

**Eastern Joint
Computer Conference**

December 1, 2, 3, 1959

Statler Hilton Hotel, Boston

**In Reply Address
American Telephone &
Telegraph Company
195 Broadway
New York 7, New York
Room 1122**

September 18, 1959

Mr. N. Lourie, Assistant Project Manager
Minneapolis-Honeywell Regulator Division
Datamatic Division
151 Needham Street
Newton Highlands 61, Massachusetts

Dear Mr. Lourie:

It is a pleasure to inform you that your Paper "A Small Memory as a Control Device in a Multiprogrammed Computer and an Economic Means of Performing High Speed Arithmetic" has been accepted for presentation at the 1959 EJCC. You will be interested to know that four out of every five Papers submitted for the Conference had to be rejected because of limited program time. The fact that your summary was accepted testifies to the expectations that we have for your Paper. I hope you recognize your responsibility for making an interesting, intelligible and well rehearsed presentation at the Conference. Since you will have only twenty minutes to present your talk, I suggest that you choose a few high points to cover in the oral presentation. Please bear in mind that the specialists in your subject, interested in detail, will have ample opportunity to study your full Paper in the proceedings of the Conference.

To accommodate the audience expected it may be necessary to show a duplicate set of your slides in a room adjacent to the main hall. Please bring two sets of slides with you to the conference. Experienced speakers find that the requirements for a good slide are quite different from those for a manuscript illustration. May I request that you give special attention to preparing simple slides and to limiting their number so that the audience will have adequate time to study each one.

Acceptance of your Paper, and the right to present it at the Conference, is conditional upon four copies of the completed Paper being received by H. Anderson on or before November 15, 1959. No exceptions will be made to this rule.

HOTEL COMMITTEE

With reference to Item 5.

There will be 500 rooms available to EJCC. These will be paid for by people using them.

With reference to Item 10.

Scratch from Hotel Committee list. This is a responsibility of the Hospitality Committee. There will be a hospitality information message service. Every exhibitor has a telephone in his booth which will simplify message handling. Message telephone will probably be at registration desk.

With reference to Item 13.

There will probably be a requirement for one stenotypist in the morning and a different one for the afternoon session. A technical man will be available right after sessions to go over material with the stenotypist.

With reference to Item 15.

It was suggested that coffee should be put in the exhibitors room.

TRIPS COMMITTEE

The trips should be organized well in advance. There were 16 trips scheduled in 1955. This proved to be too many. It was agreed that a small number of carefully selected companies and institutions to be visited is important.

REGISTRATION COMMITTEE

With reference to Item 1.

IBM pre-registration and registration cards are to be used. These tickets will require from three weeks to a month to print.

With reference to Item 4.

Whitlock is not to furnish badges to exhibitors. Printing and Publicity will prepare these for consistent design.

It is necessary that return envelopes in Preliminary Program mailing be furnished with kind of permit requiring payment of postage only if used. Registration Committee should apply for postal box immediately because of a long waiting time for these (Stuart Street Branch?)

With reference to Item 8.

There are six different possible prices, considering students, members, non-members, on-the-spot and pre-registration.

Bailey will look into the matter of assigning simple registration fees with the target of averaging \$5.50.

FINANCE COMMITTEE

With reference to Item 1.

If a committee does not submit financial plans to the Finance Committee by June 15, the budget will be assigned without the benefit of the committee's own estimates.

HOSPITALITY COMMITTEE

Mr. Hughes asked if it were possible to send out a questionnaire with our first mailing which would be returned with our regular mail. However, the conclusion was reached that this would not be conclusive; we would probably get only a 2% return. We should settle on what kind of a pitch we can make in our pre-program but not too much. A questionnaire could possibly be sent out later.

PUBLICITY AND PRINTING COMMITTEE

With reference to Item 1.

IBM will definitely print the registration cards. IBM will need final pre-registration card information for printing by September 1. These cards will take from three weeks to a month to print. Check with hotel to see what kind of space we will need on registration card for hotel items.

With reference to Item 6.

Badges should be uniform in style. Mr. Whitlock normally supplies exhibitors badges. We will be asked not to.

With reference to Item 7.

Arrangements should be made for a professional sign painter and photographer to be at the exhibit. Signs that we know about in advance will require at least two or three weeks to be done.

1959 EASTERN JOINT COMPUTER CONFERENCE

LAC COMMITTEE MEETING (LAC-3)

Tuesday, August 4, 1959

6:00 pm

MIT Faculty Club

LAC COMMITTEE MEETING (LAG-3)

Present at meeting:

Philip R. Bagley, LAC Vice Chairman
David Bailey, Finance Chairman
S. Paul Blumenthal, Hotel Chairman
Henry E. Frachtman, Finance Vice Chairman
Harrison W. Fuller, LAC Chairman
Frank E. Heart, Conference Chairman
Arthur Hughes, Hospitality Chairman
Robert Kramer, Printing and Publicity Vice Chairman
Albert Linsky, Exhibits Vice Chairman
Hideo Mori, Representing National Simulation Council
John F. Pierce, Jr., Registration Vice Chairman
Douglas T. Ross, Printing and Publicity Chairman
Henry L. Schmitz, Jr., Registration Chairman
E. C. Sherry, Boston Convention and Tourists Bureau
Frederic W. Spearin, Hospitality Vice Chairman
Alexander Vanderburgh, Jr., Trips Vice Chairman
Albert Ventola, Hotel Vice Chairman
George Wood, Publicity and Printing Vice Chairman

GENERAL COMMENTS

Mr. Sherry of the Boston Convention and Tourist Bureau offered to furnish some registration girls gratis. In Philadelphia, for example, about three were used on each day. The girls are part-time workers of the Division of Chamber of Commerce and they are bonded.

Mr. Sherry has publicity literature for our use, such as visitor's guide of Boston, sight-seeing tours, etc. Concerning activities for wives, he suggests that little time and money be spent. A morning coffee on opening day with someone to suggest an agenda might suffice.

FINANCE COMMITTEE

Bailey presented the New Budget and gave a review. \$1200 had been advanced from NJCC. Of this, \$1000 has been spent, leaving a low balance. He expects money from Whitlock in a few weeks.

There will be no charge for the printing of the IBM registration cards.

Concerning purchases by the committee members, copies of purchase orders should be sent to Bailey. Also, any changes in budgeted items should be relayed to Bailey.

Documenting payment of bills will be handled on an informal basis by the Committee. Simple mimeographed forms will be used in special cases, e.g., when returning ticket money at the Conference.

HOTEL COMMITTEE

Bookkeeping of subsidies should be separate from bookkeeping of costs.

Blumenthal suggested that we return reservation of the Imperial Ballroom and the Ball Room Assembly to the hotel for Monday, Nov. 30.

It was suggested as a possibility that the National Simulation Council might make use of these rooms, but this has been investigated, and is no longer a possibility.

Fifteen rooms have been reserved on the fourth floor, with a 25-60 person capacity at the rate of \$10 per day. By the week before the conference this number can be reduced. It was recalled, however, that Mr. Justice had written that there would be no charge for these fourth floor rooms. This will be investigated. By September 15 Felker should specify the exact number of rooms he requires. These rooms will be used for: Felker's small parallel or evening meetings, committee meetings, exhibitor's rooms, and a press room which should be equipped with a telephone and a typewriter.

Set-up and break-down of a luncheon or dinner will take approximately an hour each, 50 minute minimum. Heart suggested that three and a half hours was too long for a luncheon. Felker will be consulted concerning this.

Blumenthal feels that a dinner won't be a success. He suggests holding the luncheon the last day from 1:30 pm to 4, meaning a 2½ day conference. At this time, a critique of the conference could take place and the prize for the paper presented.

The luncheon cost minimum is \$3.50 and with tips and tax \$4.31. The dinner would be \$6.00 and the buffets start at \$7.20. It was decided that the cocktail reception tickets would be \$4.50 and the luncheon \$5.00.

Blumenthal distributed a memo showing the complete tentative schedule of room reservations.

Insurance: Plan for more than 3000. This insurance covers registrants, not workers, covering the exhibit and conference area. It will be left to Blumenthal whether to get 25/50 or 100/200. The cost differential is minor.

PUBLICITY

Items for advanced mailing: advance program, special events, trips.

Information should come in two forms: a short version for advanced mailing, and a longer version for final program if this is available by Aug. 1.

Statler cards will be used for preregistration. Blumenthal will give them the order (30,000) and tell them where to send the cards.

EXHIBITS

It should be Whitlock's job to inform the exhibitors that they must take out insurance if they want it. The exhibits chairman will see that Whitlock agrees to do this.

TRIPS

Trips committee has made 16 contacts: A.C. Little, Lincoln Labs and Mitre are favorable. Lincoln wishes to limit the tour to 100 people and prefers the evening. Trips will be held Wednesday evening.

At item on trips will be included on the registration card. It will serve to indicate interest, and will not constitute preregistration for trips. There will be two official trips, plus one or more open house activities. These will be further explained on a separate enclosure.

HOSPITALITY

The functions of the hospitality committee will be twofold: to provide information and tickets, and to get ladies together. A coffee hour might be planned each morning taking a few tables at the Cafe Rouge. There will definitely be a tour of Boston. By August first there will be preliminary plans for the ladies. Linsky suggested a trip to the North Shore Shopping Center.

Discussion was begun on the possible use of cash registers at the Conference which will print the transaction sum on the registration form.

NEXT MEETING: August 4, 1959.