

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Conference on Mechanical Translation

You are cordially invited to attend the public opening session of the Conference on Mechanical Translation on June 17, 1952 at 8:00 PM. in Huntington Hall, 10-250.

This session will have the form of a symposium. Five speakers will talk on various non-technical aspects of mechanical translation followed by a question-and-answer period for which all active participants of the conference will serve as a panel.

Only slight changes are expected in the following program.

Professor J. B. Wiesner, Director of the Research Laboratory of Electronics, M. I. T.—  
Moderator

Dr. Y. Bar-Hillel, Research Associate, Research Laboratory of Electronics, M. I. T.—  
Needs and possibilities for mechanical translation.

Professor Leon Dostert, Georgetown University, Washington, D. C.  
Human translation versus machine translation.

Dr. Olaf Helmer, Rand Corporation, Santa Monica, California  
The structure of the problem of mechanical translation.

Dr. A. D. Booth, Electronic Computer Section, Birkbeck College, London, England  
How intelligent can a machine translator be?

Dr. James W. Perry, Center of International Studies, M.I.T.  
Machine techniques for index searching and translation.

Y. Bar-Hillel, Chairman  
Organizing Committee

M.I.T.

CONFERENCE ON MECHANICAL TRANSLATION

June 17 - June 20, 1952

Program

1. Tuesday, June 17, 8:00 P.M. - Public Session  
Symposium: Mechanical Translation, Needs and Possibilities  
Moderator: J. B. Wiesner
2. Wednesday, June 18, 9:30 A.M. - 12:30 P.M.
  - a. Erwin Reifler: MT with pre-editor and writing for MT
  - b. Yehoshua Bar-Hillel: MT with post-editor
  - c. Charles S. Dodd: Model English for MT
3. Wednesday, June 18, 2:30 P.M. - 5:30 P.M.
  - a. Victor A. Oswald: Word-by-word translation
  - b. Yehoshua Bar-Hillel: Operational Syntax
  - c. William N. Locke: MT of printed and spoken material
4. Thursday, June 19, 9:30 A.M. - 12:30 P.M.
  - a. Victor A. Oswald: Microsemantical investigations
  - b. William E. Bull: Frequency problems in MT
  - c. Erwin Reifler: General MT and Universal Grammar
5. Friday, June 20, 9:00 A.M. - 11:45 A.M.
  - a. Harry D. Huskey: Basic machine operations in MT
  - b. Jay Forrester: Problems of storage and cost
  - c. A.D. Booth: A survey of memory devices suitable for MT
6. Friday, June 20, 1:00 P.M. - 4:00 P.M.
  - a. William E. Bull: Teaching of foreign languages.
  - b. Louis-N. Ridenour: Learning machines
  - c. Discussion: Organization of future research

List of participants  
in the  
M.I.T. Conference on Mechanical Translation  
June 17-20, 1952

Dr. A. D. Booth, Director, Electronic Computer Section, Birbeck College, London

Professor William E. Bull. Department of Spanish, University of California,  
Los Angeles

Professor Stuart C. Dodd, Director, Washington Public Opinion Laboratory,  
University of Washington, Seattle

Professor Leon Dostert. Director, Institute of Languages and Linguistics,  
Georgetown University, Washington, D.C.

Dr. Olaf Helmer, Director of Research, Mathematics Division. Rand Corporation  
Santa Monica, California

Dr. Harry D. Huskey, Assistant Director, National Bureau of Standards,  
Institute for Numerical Analysis, University of California,  
Los Angeles

Mr. Duncan Harkin. Department of Defense, Washington D.C.

Professor Victor A. Oswald, Department of Germanic Languages, University of  
California, Los Angeles

Professor Erwin Reifler, Far Eastern and Russian Institute, University of  
Washington, Seattle

Mr. Victor H. Yngve. University of Chicago. Chicago. Illinois

Dr. Yehoshua Bar-Hillel, Research Associate, Research Laboratory of Electronics,  
M.I.T., Cambridge, Massachusetts

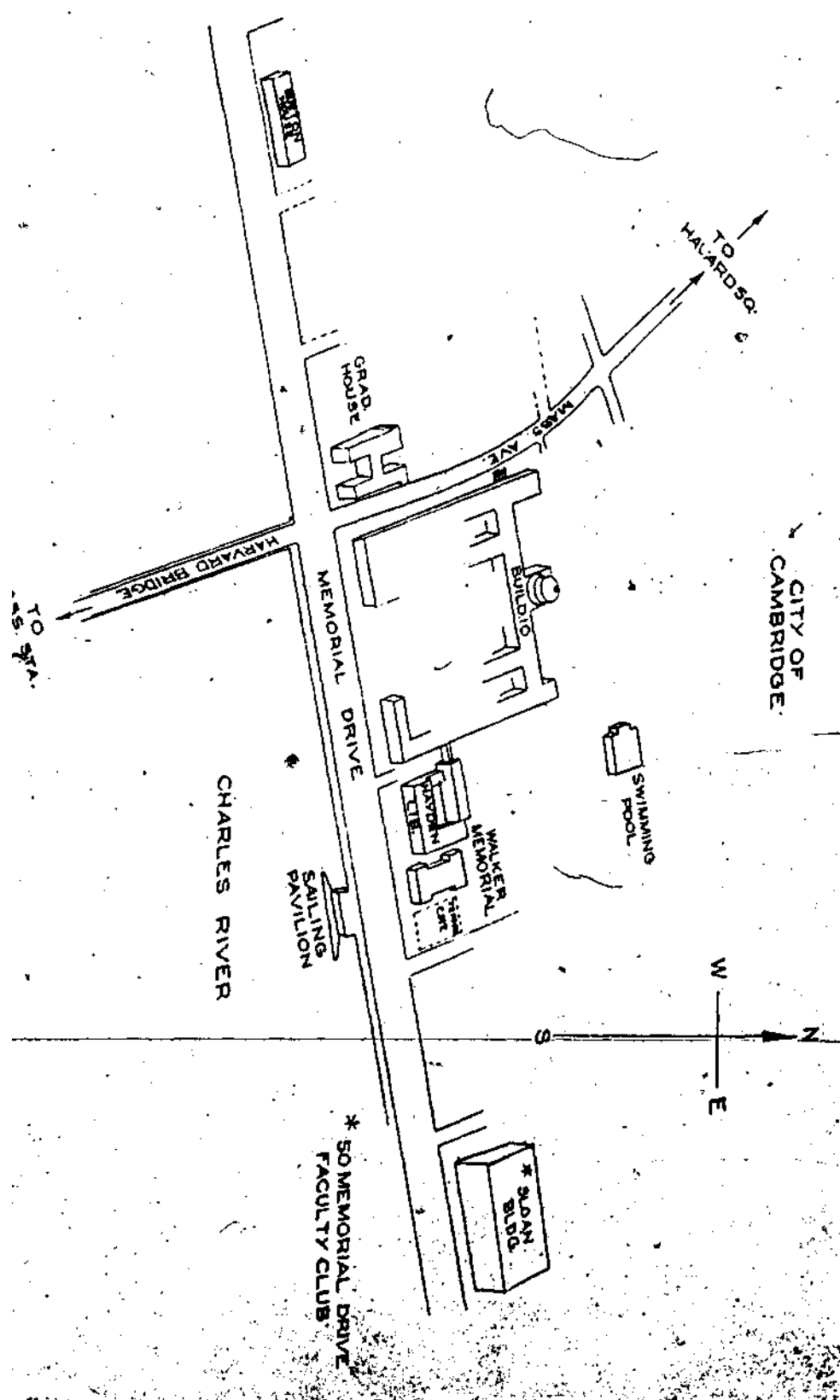
Mr. Jay W. Forrester, Director of Digital Computer Laboratory. M.I.T. Cambridge

Professor William N. Locke, Department of Modern Languages, M.I.T., Cambridge

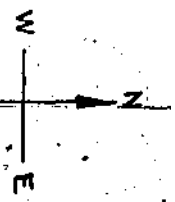
Dr. James W. Perry. Research Associate, Center of International Studies.  
M.I.T., Cambridge, Massachusetts

Dr. Vernon S. Tate, Director of Libraries, M.I.T., Cambridge, Massachusetts

Professor Jerome B. Wiesner, Director, Research Laboratory of Electronics,  
M.I.T., Cambridge, Massachusetts



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CAMBRIDGE



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TO STA.  
MASS.

\* SLOAN  
BLDG.

\* SOMEMEMORIAL DRIVE  
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SWIMMING  
POOL

WALKER  
MEMORIAL

FIELD  
HOUSE

GRAB  
HOUSE

BUILDING

MEMORIAL DRIVE

CHARLES RIVER

HARVARD BRIDGE

MASS AVE

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Conference on Mechanical Translation

As announced in the first circular, the Conference on Mechanical Translation will open with a public meeting in the form of a symposium of four or five short talks of general interest on various aspects of MT, followed by a question-and-answer period for which all participants will serve as a panel,

The participants, who will live at the Graduate House, 305 Memorial Drive, Cambridge, are requested to assemble in the lobby on June 17 at 5:30 P.M. to be shown to their rooms. Dinner will be served at the Faculty Club in Sloan Building, 50 Memorial Drive, in a private dining room, at 6:30 P.M.

The opening session will be held in Huntington Hall, 10-250, all other sessions in an air-conditioned room at the Faculty Club, where lunch will also be served at 12:45 P.M. (Friday at 12:00 noon).

A Dinner for the participants in the Conference has been arranged for 7:00 P.M. Wednesday at Locke-Ober's.

No sessions will be held on Thursday afternoon or evening. The participants are cordially invited to make use of the recreational facilities at M.I.T. such as swimming pool, tennis courts, etc. A more specific announcement regarding these and other facilities will be made at the Wednesday morning session.

The conference will end on Friday, June 20, at 4:00 P.M.

A map is attached for better orientation.

The participants are reminded that it would help greatly to have stencilled copies of their talks, or at least abstracts, in the hands of the Organizing Committee as early as possible.

Y. Bar-Hillel, Chairman  
Organizing Committee  
M.I.T. Conference  
on Mechanical Translation