

PROGRAM COMMITTEE

AMERICAN VACUUM SOCIETY

January 4, 1961



1961 PROGRAM COMMITTEE
SECOND INTERNATIONAL
VACUUM CONGRESS

L. E. PREUSS, Chairman
Department of Physics
Edsel B. Ford Institute
for Medical Research
Detroit 2, Michigan

PROF. DR. E. THOMAS
(Coordination)
President IOVST
30, Avenue de la Renaissance
Bruxelles 4, Belgique

G. H. BANCROFT
Consolidated Vacuum Corporation
1775 Mt. Read Boulevard
Rochester 3, New York

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E. H. LAYER
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Columbus 1, Ohio

H. W. SCHLEUNING
Brooklyn Polytechnic Institute
333 Jay Street
Brooklyn, New York

D. C. SPENCE
Systems Development
N.A.S.A.
Langley Field, Virginia

H. A. STEINHERZ
NRC Equipment Corporation
6 Charlemont Street,
Newton Highlands 61, Mass.

73 JAN 1961

Dr. K. S. Krishnan, Director
National Physical Laboratory
Hillside Road
New Delhi, India

Dear Sir:

This letter is to invite you to submit new and original papers describing significant advances in vacuum at the Second International Vacuum Congress to be held in Washington D.C., October 16th - 19th, 1961. The content of these papers can run the full gamut from theoretical considerations to applications of vacuum in industry.

I am enclosing herewith several copies of:

1. "Instructions to Authors", which describes the various steps leading to the acceptance, presentation and publication of a paper. Please note the deadlines as well as the need for submitting both an abstract and synopsis.
2. Printed Abstract Sheets. We would prefer to have your abstract typed on this sheet.

You may send your abstract and synopsis to me or to any member of the committee at the addresses indicated on the left-hand side of this sheet.

I would very much appreciate your passing on this solicitation for papers to friends or colleagues in your area and putting it on the bulletin board.

Thanking you for your kind cooperation.

Sincerely yours,

R. F. Bunshah

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AMERICAN VACUUM SOCIETY

INVITES CONTRIBUTIONS FOR THE



SECOND INTERNATIONAL VACUUM CONGRESS

OF THE

I. O. V. S. T.

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INSTRUCTIONS TO AUTHORS

The following contains essential information. It is imperative that these instructions be rigorously followed.

Deadlines and Acceptances:

Abstracts and Synopsis - April 1, 1961
Manuscripts - July 20, 1961

Deadlines must be strictly observed.

All papers concerned with vacuum are invited for consideration by the program committee. This includes a full spectrum of topics of; application, instrumentation, applied and developmental research, and theoretical and fundamental studies. Papers submitted should cover new and original work, worthy of presentation before an international audience. Material which has previously been duplicated in other sources, will be considered only if it is deemed of adequate contemporary importance so as to warrant inclusion in the transactions.

Since the 1961 meeting is international in scope, acceptances will be made on the basis of the abstract received, subject to the receipt of the complete manuscript by July 20, 1961. The Committee reserves to itself the right of rejection if the manuscript does not bear out the promise of the abstract. Early submission of texts shall have some bearing on acceptance.

HOSTED BY 8TH NATIONAL VACUUM SYMPOSIUM OF THE A. V. S.
OCT. 16-19, '61, SHERATON PARK HOTEL, WASHINGTON, D. C., U. S. A.

Abstract and Manuscript:

Texts may be in English, French or German. Due to location the majority of attendees will be English speaking. Authors reading papers in German or French are encouraged to send an abbreviated manuscript in English without illustrations. The program committee will provide preprints of these for the attendees.

Authors in the United States and Canada must furnish a 100 word abstract and a $2\frac{1}{2}$ page synopsis, both in triplicate and double spaced on $8\frac{1}{2}$ " X 11" bond, with 1" margins. The synopsis will be used to position your paper in the program, therefore, prepare it with great care. Abstract, synopsis, and manuscript may be sent to the most convenient member of the program committee. Do not write to the A.V.S. post office box!

A five-line paragraph of biographical material (professional) must accompany your abstract for use by your session moderator for your introduction.

Abstracts and synopsis originating outside the United States and Canada are to be submitted, in duplicate, to the Program Committee (United States address) and simultaneously, in duplicate, to their National vacuum society or to the IOVST (c/o President E. Thomas). All manuscripts, in triplicate, are to be sent directly to the Program Committee (United States address).

Concise, lucid texts are most readily accepted. Paper length in the Transactions is about 7 printed pages. This averages about 15 double spaced, typed pages of text, plus illustrations.

Illustrations, tables, and captions are not to be incorporated into the manuscript but collated separately (from the text). One high quality original plus two copies, of graphs and illustrations are required. Prints must be of a high degree of excellence. Poorly prepared graphs, "catalog" photographs or prints smacking of commercialism will be cause for rejection. Prints are preferably to be mounted and identifying information attached (no marking directly on the illustrations). A figure list and appropriate captions for graphs, tables, and photographs, as you wish them to appear for publica-

tion, should be furnished, in addition to the individual identification of illustrations mentioned in the preceding paragraph.

Text release by your organization and editing is the full responsibility of the author. Your paper becomes the property of the A.V.S. and will be presented exactly as received. Galley proofs will be provided the author for correction of typographical errors and minor changes.

Oral Presentation:

Oral as well as written presentations may be in English, French, or German. Authors reading papers in German or French are again encouraged to provide an English condensation (without figures) which shall then be reproduced by the A.V.S. for the audience at your session in the form of a preprint.

The time for oral presentation will be 15-20 minutes and will be fixed at the time of acceptance of manuscripts. Of this, 5 minutes may be for discussion. Authors must inform the Program Committee of the minimum time required for their lecture.

Slides are recommended in 3½" X 4" and in 2" X 2" sizes. It is the author's responsibility to petition the Committee for special projection facilities (movies, etc.) at the time of submission of the manuscript. Slides are to be labeled (lower left corner) in sequence. Slides of inferior projection quality cannot be tolerated.

We will have a large auditorium and expect to have a correspondingly large audience present. The purpose of your presentation is to have it heard clearly by all. Speaking with good enunciation and with emphasis is necessary to accomplish your purpose. Speak to the man in the back row without too much dependence upon the microphone to do your work for you. It has been found helpful to rehearse the speech before friends. Study your slides for legibility by projection to 12' X 12' size and observed from a maximum distance of 80'.

The Program Committee

ABSTRACT

AMERICAN VACUUM SOCIETY

Please type DOUBLE SPACED in a single paragraph, on this form, READY FOR THE PRINTER.
Use not more than 100 words and include 2 carbon copies on plain white paper.

(Title of Paper, in upper and lower case)

(Author)

(Address)

ABSTRACT

Biographical Data for Moderator

Time Required for Presentation

Visual Aids Needed

SYNOPSIS - In addition to the above abstract please submit, at the same time, a 2-1/2 page synopsis in triplicate, on 8-1/2" x 11" bond, with 1" margins. The purpose of this synopsis is to position your paper, when accepted, in the program. Please send this ABSTRACT and SYNOPSIS to the most convenient member of the Program Committee. Do not send to A. V. S. post office box.

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l'american vacuum society

INVITE
LA REMISE DE MÉMOIRES
POUR PRÉSENTATION AU

*deuxieme congrès international
de la technologie du vide*

DE
L'ORGANISATION INTERNATIONALE POUR
LA SCIENCE ET LA TECHNIQUE DU VIDE

16 AU 19 OCTOBRE 1961
WASHINGTON, D. C., E.U.A.



the american vacuum society

INVITES
THE SUBMISSION OF PAPERS
FOR PRESENTATION AT THE

*second international congress
on vacuum technology*

OF THE
INTERNATIONAL ORGANIZATION FOR
VACUUM SCIENCE & TECHNOLOGY

OCTOBER 16-19, 1961
WASHINGTON, D. C., U.S.A.



die american vacuum society

FORDERT
ZUR EINSENDUNG VON REFERATEN
ZUR VERLESUNG AUF DEM

*zweiten internationalen kongress
für vakuumtechnik*

DER
INTERNATIONALE ORGANISATION
FÜR VAKUUM-PHYSIK UND-TECHNIK

16.-19. OKTOBER 1961
WASHINGTON, D. C., V.S.A.



ZWEITER INTERNATIONALER KONGRESS für *vakuumtechnik*

16.-19. OKTOBER 1961 IN SHERATON PARK HOTEL
WASHINGTON, D. C., V.S.A.

VERANSTALTER
des Kongresses und der Ausstellung
INTERNATIONALE ORGANISATION
FÜR VAKUUM-PHYSIK UND-TECHNIK
(IOVST)

WIRT
und Veranstalter der technischen Sitzungen
AMERIKANISCHE
VAKUUMGESELLSCHAFT
(A.V.S.)

AUSKUNFT

FÜR DIE VERFASSER VON MANUSKRIP TEN

Allgemeines

Eines der Hauptziele des Kongresses ist die Schaffung eines Forum für die Diskussion der jüngsten Entwicklungen auf dem Gebiet der Vakuumwissenschaft und -technik. Aus diesem Grunde begrüsst er die Einsendung neuer und neuartiger Referate über bedeutende Fortschritte auf dem umfangreichen Gebiet der Vakuumtechnik.

Auszüge und Manuskripte

Der Termin für die Einsendung von *Auszügen* ist der 1. April 1961; Auszüge müssen von einer 2½ Seiten langen *Zusammenfassung* begleitet sein.

Auszüge aus den Vereinigten Staaten und Kanada sind in *dreifacher* Ausfertigung per *Luftpost* an den Program Chairman (Programm Vorsitzenden)—siehe unten—, einzusenden. Auszüge aus anderen Ländern sind in *zweifacher* Ausfertigung per *Luftpost* an den Program Chairman und in *zweifacher* Ausfertigung an *entweder* die Nationale Vakuumgesellschaft *oder* an das Internationale Organisation für Vakuum-Physik und-Technik—siehe unten—, einzusenden.

Der Termin für die Einsendung von Manuskripten ist der 20. Juli 1961. Manuskripte sind in *dreifacher* Ausfertigung direkt an den Program Chairman zu senden.

Annahme

Die *vorläufige* Annahme von Referaten wird kurz nach dem 1. April 1961, dem Termin für die Einsendung der Auszüge, bekanntgegeben werden. *Endgültige* Annahme wird auf Grund des gesamten Manuskriptes erfolgen.

Sprachen

Auszüge und Manuskripte können in französischer, englischer oder deutscher Sprache geschrieben und gelesen werden. Die Verfasser *müssen* dem Program Chairman bekannt geben, in welcher Sprache die mündliche Präsentation erfolgt.

Publikation

Referate, welche für den Kongress angenommen wurden, werden in Kongressberichten veröffentlicht werden. Die Bedingungen für die Publikation von Auszügen und Manuskripten können von Verfassern beim Programm Komitee oder der Internationale Organisation in Erfahrung gebracht werden.

PROGRAMM KOMITEE
L. E. Preuss, *Chairman*
Dept. of Physics,
Edsel B. Ford Inst. for Medical Research
Henry Ford Hospital
Detroit 2, Michigan, U.S.A.

INTERNATIONALE ORGANISATION
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