



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

INCORPORATED

RCA Laboratories, Princeton, New Jersey

November 22, 1966

Dr. Bruce E. Deal
Fairchild Semiconductor
Research and Development
4001 Junipera Serra Blvd.
Palo Alto, California

Dear Dr. Deal:

The Electron Devices Group of the IEEE is sponsoring the second Silicon Interface Specialists Conference to be held March 1-3, 1967 in Las Vegas, Nevada.

The purpose of this conference will be to bring together a small group of specialists, actively working in the field in an informal, workshop-like atmosphere where the free interchange of ideas and discussion will lead to an increase in our knowledge and understanding of silicon interface phenomena. The success of a conference of this type is critically dependent upon careful planning and organization of the technical sessions. Rather than having a series of formal papers with brief question periods, a talk relating to a particular topic will be presented, followed by extensive discussion of that topic. This discussion will include additional technical presentation by members of the audience. Topics of particular interest at this conference include:

- (1) MIS physics and technology, with implications on device performance
- (2) Charge motion in and on insulators on silicon
- (3) Surface states and traps in MIS systems
- (4) Effects of high-energy radiation
- (5) Optical effects
- (6) Kinetics of insulator formation
- (7) Noise phenomena and mechanisms
- (8) Structure and characterization of oxides and insulating films

To maintain ease of communication and interchange of ideas, the size of the meeting is being planned with an attendance level of roughly sixty to seventy people.

You have been suggested to the Conference Committee as someone who might be able to participate in and benefit from this meeting, and therefore we would like to extend an invitation to you to attend the S.I.S.C.

If you are interested in attending, we would like to ask that you send a 200-500 word description of the areas you are actively working in and topics you would feel competent to discuss directly to the Technical Program Chairman

Dr. G. Warfield
Chairman, Technical Program Committee
S.I.S.C.
Electrical Engineering Department
Princeton University
Princeton, New Jersey 08540

before January 10, 1967. These descriptions will also serve as a basis for selecting a limited number of papers to be given formally as a means of initiating discussion. If you wish to be considered to give such a paper, please so indicate.

If you feel that you may have difficulty in obtaining company or other approval for a written abstract by January 10, we would appreciate your calling the Technical Program Chairman directly (Tel. No. 609-452-4619). These abstracts are solely for use in organizing the Conference and it would be better to have the information passed along verbally than not at all.

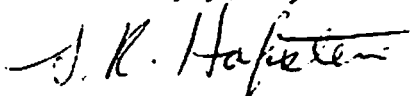
Information concerning Conference arrangements, registration and room accommodations will be forwarded upon receipt of your letter by Dr. Warfield.

While it is essential for a conference of this type to remain small, we do not wish to overlook anyone who would contribute to its success. If you are aware of anyone in this category who has not received an invitation, please suggest that he contact:

Dr. Adolph Goetzberger
Chairman, Invitations Committee
Bell Telephone Labs, Inc.
Murray Hill, New Jersey
Tel. No. 201-582-2776

If you have any questions concerning the conference please do not hesitate to contact me by letter or phone.

Sincerely yours,



Dr. S. R. Hofstein
Chairman, 1967 Silicon Interface Specialists
Conference