

Preface

The International Conference on the Physics of Semiconductors, 1966, was held from 8th to 13th September, at Kyoto Kaikan, Kyoto, Japan. This was the 8th in the series of International Conferences on the same topic. The Proceedings of the Conference are published as a Supplement to the Journal of the Physical Society of Japan. To secure early publication of the Proceedings, the Organizing Committee followed the example of Paris Conference that the galley proof be read by the authors during the Conference. This caused, on the other hand, the disadvantage of setting the deadline for sending final manuscripts as early as in early June.

To keep the papers up-to-date, latest data are added as notes by the author at the end of each paper whenever necessary. The great efforts made by the authors of reading the proof and preparing answers to comments are highly appreciated.

Credit also goes to those participants for leaving their comments in a written form promptly. Without the help of co-chairmen and scientific secretaries, the task of collecting these comments could have hardly been done. The record of discussions are of great help to those readers who have not attended the Conference.

The selection of topics to be included in the Conference, as well as the selection of individual papers to be presented, was the responsibility of Program and Papers Subcommittee. If this volume is considered as a stepstone in the progress of semiconductor physics, the efforts of its members should be highly appreciated.

The number of papers in this volume is 146, including 7 review and 17 invited papers. Three summary talks at the Closing Session are also included.

The total number of participants was 550, of whom 327 were from Japan, 110 from U.S.A., 25 from U.S.S.R., and 88 from 15 other countries.

The Conference was principally financed by Japanese electronic and other industries. Without their support, the Conference would not have been possible. The Science Council of Japan and the Ministry of Education encouraged the Organizing Committee by formally supporting the Conference.

The sponsorship of the Conference by the International Union of Pure and Applied Physics made the Conference of international character and contributed substantially to inviting participants from abroad. The fund from the U.S. Army Research and Development Group (Far East) was very helpful in inviting speakers from U.S.A..

The Organizing Committee expresses its deep appreciation to everyone who has helped in the arrangements for the Conference.

December, 1966

G. M. Hatoyama
Secretary of the Organizing Committee