Preface

This is a report on the International Conference on Fifth Generation Computer Systems, 1984 (FGCS'84) which was held between November 6 and 9, 1984.

At the time of the conference, three years had passed since the first international conference was held on fifth generation computer systems in October 1981. By 1984, the subjects of the initial stage of the fifth generation computer projects (that is basic research and development) had been completed, and so the international conference was held for the realization of the promotion of international cooperation through research exchanges by specialists in various countries.

A total of approximately 1,100 persons from 29 countries throughtout the world took part in this international conference. In addition to reports on the development of the fifth generation computer system in Japan, there were meaningful lectures, presentations, and discussions by lecturers invited from abroad, in panel discussions by experts and so on. Also, there were active discussions related to 62 scientific papers that were presented by researchers from various countries. All in all, then, we believe there were substantial achievements that were made during the conference.

In preparing for and conducting this conference, we benefited from the invaluable cooperation and guidance from the Ministry of International Trade and Industry, members of the organizing committee, as well as many other concerned individuals. We would like to take this opportunity to express our deep appreciation for their contributions and assistance.

We are publishing this report with the hope that it will prove useful for those who are interested in the research and development on the fifth generation computer, and for depending the general understanding on the status of advanced technology.

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