

CONTENTS

	Page
PAPERS	
< Session One >	Keynote Addresses: What is the Role of Universities in the Next 25 Years in Providing Basic Research to Fuel High Tech Economy ?
	Edward E. David, Jr 1
	Hiroshi Inose14
< Session Two >	Other Research Performers: University-Industry Cooperation, Government Laboratories, Revitalized Central Industrial Laboratories
Yasuharu Suematsu	Cooperating Research between Universities and Industries -Planar Antenna and Planar Microlens, as Its Examples-33
Joseph Bordogna	Integrative and Virtual Partnerships40
Tsuneo Nakahara	What is the Role of Future Company for Basic Research?50
Praveen Chaudhari	Corporate R&D in the United States63
Hiroaki Yanagida	Desirable Relationship between Government and Universities for Advancement of Basic Research69
Nathan Rosenberg	The Relationship between University Research and Industrial Innovation77
< Session Three >	Funding Systems for Basic Research in Universities
George H. Heilmeire	Basic Research and the New Realities91
Tadashi Amemiya	Current Status and Problems of Basic Research Funding Systems in Japan95
Cornelius J. Pings	University Research in the United States102

Ken Kikuchi	Opinions of Japanese Scientists on Their Research Levels and Research Conditions109
J. Thomas Ratchford	Academic Research Support: A New Compact ?130
Seiichi Watanabe	Support of Research in Universities -A View from Industry- 136
< Session Four >	Fostering and Securing Able Researchers
Junjiro Kanamori	Education of Science and Technology in Japan152
Donald N. Langenberg	Floods, Hurricanes, and Climatic Change in American Research Universities162
Hiroshi Sakurai	Improvement of Various Conditions for Able Postdoctoral Researchers (e. g. Salaries, Mobility of Researchers, etc.)166
Cora B. Marrett	International Sources and Diversity in the Science and Technology Workforce of the Future177
Hitoshi Osaki	Current State of Systems for Fostering Researchers in Japanese Universities195
Pamela Atkinson	Continuing Engineering Education in the US and Japan: Exploring Best Practices203
< Wrapup Panel >	
Dale R. Corson	Summary of U. S. Papers and Commentary218
Hiroshi Inose	Comments222
APPENDIX	The List of the Participants224