Contents

The Economics of High-Technology Competition and Cooperation: Overview of the Issues	
Georg Koopmann and Hans-Eckart Scharrer	9
Session 1: Technological Progress in an Open Economy	
The Economics of Technological Progress and Endogenous Growth in open Economies	
Francisco L. Rivera-Batiz	31
Comment: Richard Baldwin	" 3
The New Industrial Organization Theory and the Microeconomics of Innovation	
William L. Baldwin	77
Comment: Reinald Kriiger	99
International Diffusion of Technological Knowledge	
David B. Audretsch	107 7بري
Comment: Luc Soete	1.5"
Session 2: International Business Strategies on High-Technology Markets	
What makes High Technology Competition different from Conventional Competition? The Central Importance of National Systems of Innovation	
Keith Pavitt and Parimal Patel	143
The Economics of Cooperation among High-Tech Firms - Trends and Patterns in Strategic Technology Partnering since the Early Seventies John Hagedoorn	173
Comment: Graham Vickery	1/3
·	9
Global Competitive Strategies for Scienceware Products Horst Albach	202
Comment: John Cantwell	203 219
Comment. John Cantwell	219

Session 3: National Approaches to Technology Policy hi a Globalizing World Econonomy	
Enduring Dilemmas in U.S. Technology Policy and the Clinton Administration	
Rose Marie Ham and David C. Mowery	229
Comment: Ernst-Jürgen Horn	^59
National Approaches to Technology Policy in a Globalizing World Economy - The Case of Germany and the European Union Erhard Kantzenbach and Marisa Pfister	267
Comment: Richard Escritt	3 1 7
National Approaches to Technology Policy in a Globalizing World Economy - The Case of Japan	
Chihiro Watanabe	323
Comment: Frieder Meyer-Krahmer	••""
Panel Session: National Technology Policies and International Cooperative Linkages among Private Firms	
Challenges for German Research and Innovation Policies - New Ways and Directions Christian Patermann	381
European R&D Policy and Industrial Competitiveness Gérard Comyn	387
International Cooperation in Setting Technology Priorities William J. Spencer	391
National Technology Policy against the Background of Multinational Corporate Strategies Heinrich Höfer	395
National Technology Policies and International Cooperative Linkages among Private Firms - Perspective from a Japanese Private Firm Yasutsugu Takeda	401
National Technology Policies and International Cooperative Linkages among Private Firms Sylvia Ostry	405
	.52
List of Authors and Participants	407