

Fachbereich 1
Gesamtbibliothek
Betriebswirtschaftslehre

Inventar-Nr. : 37.579
Abstell-Nr. : B02/517
Sachgebiete : 9.3.3

Industrial Productivity and International Technical Cooperation

edited by
Herbert I. Fusfeld
Carmela S. Haklisch

The Technology Policy and Economic Growth Series,
Herbert I. Fusfeld and Richard N. Nelson, Editors

Published in cooperation with the Center for Science and Technology
Policy, Graduate School of Business Administration, New York University.

Pergamon Press

New York Oxford Toronto Sydney Paris Frankfurt

Contents

Preface – Herbert I. Fusfeld and Carmela S. Haklisch	ix
Part I – Overview	
Chapter	
1 CHANGING TRENDS IN INTERNATIONAL TECHNICAL COOPERATION Herbert I. Fusfeld and Carmela S. Haklisch	3
2 OPPORTUNITIES FOR IMPROVEMENT IN INDUSTRIAL PRODUCTIVITY Jacques Desazars de Montgailhard	11
3 TECHNICAL COOPERATION AND INDUSTRIAL GROWTH: A SURVEY OF THE ECONOMIC ISSUES Robert G. Hawkins	17
4 SCOPE AND FUNCTION OF INTERNATIONAL TECHNICAL AGREEMENTS Klaus-Heinrich Standke	26
5 INDUSTRY'S ROLE IN INTERNATIONAL TECHNICAL COOPERATION J.E. Goldman	51
Part II – Strengthening the Scientific Base	
Panel on Materials	
6 MATERIALS Roland W. Schmitt	57

vi CONTENTS

7	OVERVIEW OF POLICY ISSUES: PANEL REPORT Charles Crussard	63
Panel on Chemistry		
8	CHEMISTRY Jean Cantacuzène	66
9	OVERVIEW OF POLICY ISSUES: PANEL REPORT Karl-Heinz Büchel	69
Panel on Biology		
10	BIOLOGY Lewis Sarett	71
11	OVERVIEW OF POLICY ISSUES: PANEL REPORT Bernard W. Langley and Lois S. Peters	74
Panel on Electronics		
12	ELECTRONICS Michiyuki Uenohara	79
13	OVERVIEW OF POLICY ISSUES: PANEL REPORT E.F. de Haan and Richard N. Langlois	84
Part III – Strengthening the Technological Base		
Panel on Energy Conversion and Conservation		
14	ENERGY CONVERSION AND CONSERVATION Rudolf W. Meier	91
15	OVERVIEW OF POLICY ISSUES: PANEL REPORT Lionel Boulet	97
Panel on Telecommunications		
16	TELECOMMUNICATIONS Maurice Papo	101
17	OVERVIEW OF POLICY ISSUES: PANEL REPORT Lee L. Davenport and Richard N. Langlois	105
Panel on Transportation		
18	TRANSPORTATION Ake Zachrison	109
19	OVERVIEW OF POLICY ISSUES: PANEL REPORT Bernhard Schmidt	116
Panel on Environmental Control		
20	ENVIRONMENTAL CONTROL W.H. Gauvin	121

21	OVERVIEW OF POLICY ISSUES: PANEL REPORT	
	Part I by Peder Waern-Bugge	125
	Part II by Lois S. Peters	127
	List of Conference Panels	133
	List of Conference Participants	137
	Index	149
	About the Editors and Contributors	154