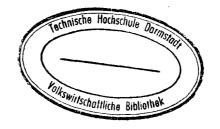
# Communications Policy in Europe

Proceedings of the 4th Annual Communications Policy Research Conference, Held at Kronberg, FRG, October 25-27, 1989

With 34 Figures



Springer-Verlag
Berlin Heidelberg New York
London Paris Tokyo
Hong Kong Barcelona

### **Contents**

Preí	Preface	
Ack	cknowledgments	
	·	
	Part I Introduction	
1	Introduction: Current Issues in European Communications Policy	
	Diéter Elixmann	
	<ol> <li>Characteristics of Recent Developments in Communications Policy</li> <li>An Introduction to the Studies</li> </ol>	4 7
	Part II Tariff and Competition Policies	
2	Restructuring Telecommunication Tariffs: Policy Issues, Trends and Implications	
	Robin Mansell	
	1. Introduction	19
	The Cost/Price Controversy     The Telecommunication User's Perspective	22 29
	4. Selected Trends in Switched Service Pricing	31
	5. Conclusion	39
3	The Optimum Access Charge Under Competition	
	Tsuruhiko Nambu	
	1. Introduction	41
	2. Model 3. The Total Social Welfare	43 47
	4. Access Charge: Two Viewpoints	51
	5. Concluding Remarks	54

X		Contents
4	The Regulation of Competition and Entry in Markets for U.K. Telecommunications Services	
	Martin Cave and Stephen Trotter	
	<ol> <li>Introduction</li> <li>Developments in Telecoms Regulation since 1984</li> <li>The Communications Infrastructure, Competition and the Duopoly Review</li> <li>Price-Capping and Entry</li> <li>Conclusions</li> </ol>	57 58 67 73 82
	Comment Part II	
	Godefroy Dang-Nguyen	85
وسي	Part III International and Industrial Aspects of Telecommunications	
5	Research and Development in Telecommunications: An International Comparison	
,	Thomas Schnöring	
	<ol> <li>Introduction</li> <li>Some Theoretical and Methodological Remarks</li> <li>International Comparison of R&amp;D Expenditure</li> <li>International Comparison of Patents</li> <li>Characteristics of the National R&amp;D Systems</li> <li>Conclusions</li> </ol>	95 96 103 108 114 125
6	Alternative Settlement Procedures in International Telecommunications Service	
	James H. Alleman, Paul N. Rappoport and Kenneth B. Stanley	
	Settlements in Telecommunications Services     International Settlements Simulation     Results	131 136 140

Comment Chapters 5 and 6

Hans-Peter Gassmann

4. Conclusion

APPENDIX A

APPENDIX B

APPENDIX C

147

148

154

156

V.T
AΙ

7	Multinational Banking, the Theory of the Division of Labor and the Information and Communications Technologies	
	Bernhard Wieland	
	1. Introduction	165
	2. Technology and the Extent of the Market	166
	3. Internationalization and Multinationalization of Financial Markets	169
	4. A Case Study	174
	5. Theories of Internationalization	177
	6. The Economic Theory of the Division of Labor 7. Replying and the International Division of Labor	179 181
	7. Banking and the International Division of Labor 8. Conclusion	183
	o. Conclusion	165
	· ·	
	Comment Chapter 7	
	David Allen	187
8	Part IV Regulatory Models and Policies  Changing Regulatory Policies: The Danish Case  Ole Jess Olsen	
		407
	1. Introduction	195
	2. Organisation and Regulatory Tradition of the Danish	107
	Telecommunications Industry 3. Present Development of Regulatory Policies	197 199
	4. Some Theoretical Reflections	209
	5. Comparative Advantages of Denmark Facing an Internal	20)
	Market for the Telecommunications Industry	212
	6. Concluding Remarks	217
9	Chances and Problems of Liberalization of Telecommunications in Hungary	
	Emilia Nyevrikel	
	<ol> <li>Economic Problems Legislative Changes in Hungary</li> <li>The Situation and Future of Hungarian Telecommunications</li> <li>Restructuring of the Hungarian PTT</li> <li>Appendix: Comparison of Joint Ventures in the East European Countries</li> </ol>	221 226 232 234
	Ł .	

XII	C	ontents

10	Regulatory Instruments and EEC Powers to Regulate
	Telecommunications Services in Europe

Joac	him	Scho	ror
*ICHLE	TLLIII.	nciw	141

236
242
248
250

### **Comment Part IV**

W.R.B.	. Wigglesworth	25'

## Part V Convergence of Broadcasting and Telecommunications

# 11 Diverging Regulatory Scenarios for Integrating Broadband Communications

### Emilio Lera

1. Introduction	265
2. Systems Organization	266
3. Service Requirements	269
4. Regulation Policies	270
5. Evolving Regulatory Scenarios	274
6. Conclusions	275

### 12 The Convergence of Broadcasting and Telecommunications in Japan

### Tatsuro Hanada

1. Introduction	277
2. Background of the Convergence of Broadcasting and Telecommunications	279
3. Main Issues in Policy Making with Regard to Convergence of	
Broadcasting and Telecommunications	287
4. Theoretical Considerations	296
5. Conclusion	301

Contents	XIII

# 13 Telecommunication and Audiovisual Legal Regimes in France

### Bertrand Delcros and Jean Pierre Chamoux

1. Introduction	307
2. Licensing	308
3. Licences	311
4. Concluding Notes	317

### Comment Part V

Nicholas Garnham	319

List of Contributors	323
----------------------	-----