

Contents

<i>List of figures</i>	page xiii
<i>List of tables</i>	xv
<i>Preface</i>	xvii
<i>List of conference participants</i>	xviii
1 Introduction	1
<i>Matthew B. Canzoneri, Vittorio Grilli and Paul R. Masson</i>	
1 The design of a central bank	2
2 Transition from national central banks to a common central bank	5
3 Fiscal policy requirements of a common currency area	7
4 Global implications of a European Central Bank	9
PART I: THE DESIGN OF A CENTRAL BANK	11
2 Designing a Central Bank for Europe: a cautionary tale from the early years of the Federal Reserve System	13
<i>Barry Eichengreen</i>	
1 Introduction	13
2 Institutions for decision-making in the early years of the Fed	14
3 Impact on policy	21
4 Implications for a European Central Bank	33
Discussion	40
<i>Bennett T. McCallum</i>	
<i>Eugene N. White</i>	
3 The European Central Bank: reshaping monetary politics in Europe	49
<i>Alberto Alesina and Vittorio Grilli</i>	
1 Introduction	49

x **Contents**

2	The ECB in a politically unified Europe	50
3	The independence of the ECB	54
4	The ECB without a political union	58
5	Voting on European monetary policy	64
6	Conclusions	69
	Appendix: Common monetary policy with different inflation rates	70
	Discussion	77
	<i>Peter Bofinger</i>	
	<i>Luigi Spaventa</i>	
4	The ECB: a bank or a monetary policy rule?	86
	<i>David Folkerts-Landau and Peter Garber</i>	
1	Introduction	86
2	Securitization and liquidity crises	87
3	Liquidity and the payments system	94
4	The central bank's choice problem	98
5	Supervision and regulation of banking systems	101
6	Conclusions	103
	Discussion	110
	<i>John C. Pattison</i>	
	<i>Richard J. Sweeney</i>	
	PART II: TRANSITION FROM NATIONAL CENTRAL BANKS TO A EUROPEAN CENTRAL BANK	125
5	Hard-ERM, hard ECU and European Monetary Union	127
	<i>David Currie</i>	
1	Introduction	127
2	The benefits of EMU	131
3	The benefits of reputation	132
4	Will the European Central Bank be independent?	133
5	The coordination of fiscal policy	138
6	Transitional arrangements	143
7	Conclusions	145
	Discussion	148
	<i>Dale W. Henderson</i>	
	<i>Andrew J. Hughes Hallett</i>	
6	Voting on the adoption of a common currency	164
	<i>Alessandra Casella</i>	
1	Introduction	164

2 The model	166
3 Solution	170
4 Results	174
5 Conclusions	181
Discussion	184
<i>Torsten Persson</i>	
PART III: FISCAL POLICY REQUIREMENTS OF A COMMON CURRENCY AREA	193
7 Fiscal federalism and optimum currency areas: evidence for Europe from the United States	195
<i>Xavier Sala-i-Martin and Jeffrey Sachs</i>	
1 Introduction	195
2 Basic method	200
3 Data	203
4 Estimation	206
5 Calculating the federal impact on disposable income	213
6 Final remarks	216
Discussion	220
<i>Behzad T. Diba</i>	
<i>Alberto Giovannini</i>	
8 Market-based fiscal discipline in monetary unions: evidence from the US municipal bond market	228
<i>Morris Goldstein and Geoffrey Woglom</i>	
1 Introduction	228
2 The market for state borrowing	233
3 Data and issues of econometric specification	239
4 Empirical results	246
5 Concluding remarks	253
Appendix: The supply of state loans	254
Discussion	260
<i>Mervyn King</i>	
<i>Vito Tanzi</i>	
PART IV: GLOBAL IMPLICATIONS OF A EUROPEAN CENTRAL BANK	271
9 European Monetary Union and international currencies in a tripolar world	273
<i>George Alogoskoufis and Richard Portes</i>	
1 The international role of the ecu	274
2 Lessons from the experience of sterling	288

xii **Contents**

3	Transitional issues	290
4	Costs and benefits of EMU in a tripolar world	291
	Discussion	300
	<i>Jeroen J. M. Kremers</i>	
	<i>Index</i>	303

Figures

2.1	New York and Chicago's reaction functions: the symmetric case	<i>page</i> 24
2.2	New York and Chicago's reaction functions: the asymmetric case	25
3.1	Central bank autonomy in Europe	57
3.2	Economic distance from the EC, 1970–89	61
4.1	Indirect vs securitized funding	89
5.1	Realignments against the DM, 1979–91	128
5.2	Short-run inflation-output trade-off in a Barro world	133
5.3	Bargaining over ERM vs EMU in a Barro world	135
5.4	Bargaining over ERM vs EMU	136
5.5	Hamada diagram	139
5.6	The implications of lack of credibility	142
5A.1	Cooperation vs bargains in an EMU/ERM framework	158
5A.2	The EMU/ERM regimes are not robust	161
6.1	The production technology	168
6.2	The partition into three markets	171
6.3	The role of transaction costs ($\beta = 1$)	176
6.4	Expected individual income and transaction costs ($\beta = 1$)	177
6.5	The role of β ($c = 0.025$)	178
6.6	Expected individual income and β ($c = 0.025$)	179
6.7	Expected individual income and monetary regime	180
6A.1	Policy preferences when the majority transacts in the domestic market	188
6A.2	Policy preferences when the majority transacts in the international market	189

xiv **List of figures**

8.1	The supply curve of borrowing	235
9.1	The structure of payments between U, F and G	279
9.2	The dollar as a vehicle currency: partial and total indirect exchange	280

Tables

3.1	Economic distance from the EEC	<i>page</i> 62
3.2	'Median voters' in Europe	66
3A.1	Political independence of central banks	71
3A.2	Economic independence of central banks	72
3A.3	Electoral data	73
4.1	Domestic and international commercial paper markets, 1986-90	88
7.1	US census regions	204
7.2	Instrumental regressions	207
7.3	Relative taxes versus relative income	209
7.4	Average real income, taxes, transfers and disposable income	211
7.5	Relative transfers versus relative income	212
7.6	Changes in taxes and transfers due to a 1-dollar shock to income	214
8.1	Chubb relative value study, December 1989	241
8.2	Summary statistics for major variables	243
8.3	Specification of full model and definitions of variables	247
8.4	OLS estimates for the abbreviated and full models	248
8.5	Time dummies for the abbreviated model	250
8.6	OLS estimates of the abbreviated model for single years	251
8.7	Accounting for simultaneity in the abbreviated model	252
9.1	% share of national currencies in foreign exchange reserves, all countries	276
9.2	% share of national currencies in foreign exchange reserves, industrial economies and LDCs treated separately	277
9.3	% shares in world exports and imports of US, Japan and EC	281

xvi **List of tables**

9.4	Exchange rate arrangements, March 31, 1990: Number of currencies that peg against a single currency	284
9.5	Correlation coefficients of exchange rates against the US dollar with the DM/\$ rate	285
9.6	Currency structure of the international bond market: total stocks, end of year	286
9.7	International issues of bonds, breakdown by currency of issue	287
9.8	Current balances of EC, Japan and US, % of GNP/GDP	291