# Table of contents

Acknowledgements ............................................................... 7

Introduction
Mathias DEWATRIPONT and Luc WILKIN .................................... 9

## Part I

**Organization of higher education systems**

Reforming European universities: Scope for an evidence-based process
Reinhilde VEUGELERS and Frederick VAN DER PLOEG .................... 19

Why reform Europe’s universities?
Philippe AGHION, Mathias DEWATRIPONT, Caroline HOXBY,
Andreu MAS-COLELL and André SAPIR .................................... 51

Research and higher education in a federal system: The need for a European University Charter
Françoise THYS-CLÉMENT ................................................... 65

Financing Bologna: which country will pay for foreign students?
Marcel GÉRARD ................................................................. 71

Regulation of program supply in higher education. Lessons from a funding system reform
Stijn KELCHTERMANS and Frank VERBOVEN ................................ 85

The timing of education
Thomas GALL, Patrick LEGROS and Andrew NEWMAN .................. 107
Part II

**Individual higher education organizations**

Multi-dimensional contracts with task-specific productivity: An application to universities
Alexis Walckiers .......................................................... 117

Teaching versus research: The role of internal financing rules in multi-department universities
Axel Gautier and Xavier Wauthy ................................. 153

University competition: Symmetric or asymmetric quality choices?
Eve Vanhaecht and Wilfried Pauwels ......................... 163

Part III

**Researcher behavior**

Money, fame and the allocation of talent: Brain drain and the institution of science
Doh-Shin Jeon and Domenico Menicucci .......................... 189

Incentives, sorting and productivity along the career: Evidence from a sample of top economists
Tom Coupé, Valérie Smeets and Frédéric Warzynski .................. 217

Part IV

**Student behavior**

Clicks and bricks: Tuning the promises of information and communication technologies (ICT) with students’ practices
Luc Wilkin, Périne Brotcorne and Ilaria Faccin ............ 251

Predicting academic performance by data mining methods
Jean-Philippe Vandamme, Nadine Meskens and Juan-Francisco Superby 279

Biographical notes .......................................................... 295