

# New Frontiers in Open Innovation

EDITED BY  
HENRY CHESBROUGH,  
WIM VANHAVERBEKE, AND JOEL WEST

**OXFORD**  
UNIVERSITY PRESS

# Contents

<i>List of Figures</i>	xi
<i>List of Tables</i>	xiii
<i>List of Contributors</i>	xv

## Part I: Open Innovation: Ten Years Later

1. Explicating Open Innovation: Clarifying an Emerging Paradigm for Understanding Innovation 3  
*Henry Chesbrough and Marcel Bogers*
2. Firms, Users, and Innovation: An Interactive Model of Coupled Open Innovation 29  
*Frank Piller and Joel West*
3. A Classification of Open Innovation and Open Business Models 50  
*Wim Vanhaverbeke and Henry Chesbrough*

## Part II: Analyzing Open Innovation at Different Levels of Analysis

4. Challenges of Funding Open Innovation Platforms: Lessons from Symbian Ltd. 71  
*Joel West*
5. Open Innovation and Industrial Dynamics—Towards a Framework of Business Convergence 94  
*Jens Frøslev Christensen*
6. Exploring Open Innovation at the Level of R&D Projects 115  
*Wim Vanhaverbeke, Jingshu Du, Bart Leten, and Ferrie Aalders*

## Part III: New Application Fields for Open Innovation

7. Exploring Open Innovation in Small and Medium-Sized Enterprises 135  
*Sabine Brunswicker and Vareska van de Vrande*
8. Open Innovation in Multinational Corporations: New Insights from the Global R&D Research Stream 157  
*Kazuhiro Asakawa, Jaeyong Song, and Sang-Ji Kim*
9. Open Social Innovation 169  
*Henry Chesbrough and Alberto Di Minin*

**Part IV: Managing and Organizing Open Innovation**

10. Open Innovation and Intellectual Property: A Two-Sided Market Perspective 191  
*Henry Chesbrough and Roya Ghafele*
11. Managing Inside-Out Open Innovation: The Case of Complex Ventures 208  
*Henry Chesbrough and Chris Winter*
12. Patterns of Implementation of OI in MNCs 223  
*Letizia Mortara and Tim Minshall*
13. Getting Help From Innomediaries: What Can Innovators do to Increase Value in External Knowledge Searches? 242  
*Nadine Roijackers, Andy Zynga, and Caroline Bishop*
14. Theories of the Firm and Open Innovation 256  
*Wim Vanhaverbeke and Myriam Cloudt*

**Part V: Conclusions**

15. Surfing the New Wave of Open Innovation Research 281  
*Wim Vanhaverbeke, Henry Chesbrough, and Joel West*
- Reference List* 295
- Index* 337