Andre Presse • Orestis Terzidis Editors

Technology Entrepreneurship

Insights in New Technology-Based Firms, Research Spin-Offs and Corporate Environments

Springer

Contents

of NTBFs	
The Semantics of Entrepreneurial Learning in New Technology-Based Firms Marc Konig, Christina Ungerer, and Guido Baltes	3
Architecture of Technology Ventures: A Business Model Perspective Arash Najmaei	21
The Role of Business Models in the Development of New Technology-Based Firms Oleksiy Osiyevskyy, Mark Chernenko, and Vladyslav Biloshapka	l 4 9
Part II Managing NTBFs	
Identifying and Categorizing Risks of New Product Development in a Small Technology-Driven Company Ivan Rakonjac and Vesna Spasojevic Brkic	71
The Application of the Effective Innovation Leadership Model in ICT Practice Sabrina Schork	99
A Unified Model of the Technology Push Process and Its Application in a Workshop Setting Orestis Terzidis and Leonid Vogel	III
Part III Factors Influencing NTBFs Women-Led Startups and Their Contribution to Job Creation Katherina Kuschel, Juan-Pablo Labra, and Gonzalo Diaz	139

Part I Business Models, Business Architecture and Business Planning

xii Contents

What Drives the Intellectual Property Output of High-Tech Firms? Regional- and Firm-Level Factors Christian Masiak, Christian Fisch, and Jorn H. Block	157
New Technology-Based Firms and Grants: Too Much of a Good Thing? Nicolas Pary and Olivier Witmeur	177
The Development of ICT Industry in Belarus: Impact of Educational and State-Support Policies Aksana Yarashynskaya	201
Part IV Academic Entrepreneurship	
Defining Academic Spinoffs and Entrepreneurial University Maksim Belitski and Hanna Aginskaya	211
The Impact of Entrepreneurship Governance and Institutional Frameworks on Knowledge-Based Spin-Offs Reza Asghari and Britta Kokemper	225
Bridging the Gap Between Invention and Innovation: The Role of University-Based Start-Up Programs and Private Cooperation Andreas Liening, Jan-Martin Geiger, and Ronald Kriedel	241
Part V Interaction Between Established Firms and NTBFs	
How Technology Travels from Old to New Firms: The Role of Employees' Entrepreneurship in Technology Ventures Matteo Landoni and dt ogilvie	263
Cooperating with Start-ups as a Strategy: Towards Corporate Entrepreneurship and Innovation Stephan Jung	283
Index	299