



## CALL FOR CHAPTERS

Submission Deadline: May 28, 2016

### Technology Ventures

Entrepreneurship in New Technology-based Firms, Research Spin-offs and Corporate Environments

An edited volume to be published with Springer as part of the

*FGF Studies in Small Business and Entrepreneurship*

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#### Introduction

Technological progress is a potential source to address vital challenges of our times. Alongside with changes in human behavior and adjustments of economic structures, technology can contribute to sustainable solutions in domains like energy, mobility, healthcare or the information society.

The basis for technological progress is often created in research, which is focusing on the production of new knowledge. The transformation of such new knowledge into value for society, the environment and business is one of the most relevant processes for value creation in developed countries. New technologies may become the basis for innovation and structural change and thereby contribute to the creation of customer value, jobs and wealth.

In this edited volume on 'Technology Ventures', we want to explore what drives the development of new technology-based firms and projects. How can we gain an improved understanding about how technological inventions lead to the creation of new and sustainable companies? What are adequate methods and concepts that help technology-based start-ups and intrapreneurial projects to succeed in developing innovative products and services? Which factors play a role in the process? What can we learn from ventures that succeed or from those that fail? Which empirical patterns can we observe in the processes of successful technology-based business creation? Which management practices are effective in those processes? What managerial framework can we propose that supports entrepreneurs and practitioners to best lead technology ventures? What are ethical questions that should be considered in the context? What are the key elements of sustainable new product development and responsible innovations?

These questions may give a first indication about the scope of the book. We call for proposals that combine rigor with relevance and shed light on this increasingly important topic.

## Objective of the Book

This volume focuses on the management of new technology-based firms as well as technology projects initiated in an academic or industrial context. We invite contributions with convincing theoretical concepts, ethical considerations, empirical data analysis (qualitative and quantitative), archival and historical methods, design science approaches, action and field research, management science methods, informatics and cybernetics or other suitable methods to understand the domain and develop management approaches.

The book is designed to assemble a rich, vibrant and multi-faceted collection of studies to enrich the discussion on and enhance the understanding of the reality and management of technology-based firms and projects. The volume aims to be a standard reference in the field of technology ventures and create a scientific basis for entrepreneurs, investors and support programs (like 'accelerators') in universities, research organizations and corporations. Special topics may include industry specific and technology specific requirements for successful technology management.

Promising contributions for chapters to capture phenomena in entrepreneurship, technology management and innovation research include (but are not limited to) the following topics:

- Technology-based product development strategies
- Particularities in the management of technological developments in specific industries (for instance ICT, mechanical engineering, medical technology, electrical engineering, chemistry & material sciences),
- Methods for successful technology-based business development,
- Elements of a successful technology and product development strategy,
- Intellectual property (IP) strategy,
- University-based entrepreneurship and academic spinoffs,
- Corporate technology entrepreneurship/intrapreneurship,
- Public, university and corporate policies and their impact on technology ventures,
- Ethical aspects of technology ventures: socially and ecologically responsible innovation.

## Target Audience

This book is intended to become a reference and essential reading material for students, academics, entrepreneurs, investors and entrepreneurial support practitioners interested in questions addressing technology-based entrepreneurship and innovation.

## Submission Procedure

Authors are invited to submit a 2-3 page chapter proposal by May 28<sup>th</sup>, 2016. Full chapter submissions are due September 30<sup>th</sup>, 2016. Authors of accepted proposals will receive chapter guidelines. Full chapters will be reviewed on a double-blind basis. Contributors may also be requested to serve as reviewers for this project. The volume is intended to be published in 2017.

This book will be published with Springer, as part of the *FGF Studies in Small Business and Entrepreneurship*. The book series serves as a vehicle to help academics, professionals, researchers and policy makers, working in the fields of small business and entrepreneurship, to disseminate and obtain high quality knowledge. For additional information regarding the publisher and the book series, please visit <http://www.springer.com/series/13382>.

*Inquiries and submissions can be forwarded **electronically** (Word document) or by **mail** to:*

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