



Call for Chapters: Technologies, Innovation and Public Policy in Latin Ibero-America. Navigating Barriers, Building Competitive Growth

Guest editors: Dr. **Christian A. Cancino del Castillo**, Universidad de Chile, Dr. **Jean Pierre Seclen-Luna**, Universidad de Deusto, Dr. **Darío Milesi**, Univ. Nac. del General Sarmiento.

You are warmly invited to submit a proposal for a book chapter in our upcoming edited book, tentatively titled, Technologies, Innovation and Public Policy in Latin Ibero-America. Navigating Barriers, Building Competitive Growth. To submit, please email the Editors with your chapter proposal:

- Dr. Christian A. Cancino del Castillo, Universidad de Chile (cancino@fen.uchile.cl)
- Dr. Jean Pierre Seclen-Luna, Universidad de Deusto (jeanpierre.seclen@deusto.es)
- Dr. Darío Milesi, Univ. Nac. del General Sarmiento (dmilesi@campus.ungs.edu.ar)

Latin Ibero-American countries face a paradox: they generate scientific research and entrepreneurial talent, but they often struggle to transform these capacities into innovation, competitiveness and sustainable growth. Persistent barriers -such as weak institutions, fragmented policies, limited financing, and uneven technology adoption- limit the potential of science, technology and innovation (STI) to drive development. This book addresses that challenge by offering a comprehensive and region-specific analysis of STI dynamics in Latin Ibero-America. It combines theoretical frameworks, empirical studies, and practical cases to show how public policy, firm capabilities, and global technological trends interact in the region. The purpose of the book is threefold. First, it explains how national and regional innovation systems in Latin Ibero-America evolve under the pressure of globalization, digitalization, and sustainability challenges. Second, it identifies critical gaps in financing, institutional design and policy coordination that must be addressed to enhance innovation outcomes. Third, it provides actionable recommendations for governments, firms and universities to build more resilient and competitive innovation ecosystems. This work makes new contributions by: Offering a regional lens. Unlike global handbooks that overlook local realities, this book is rooted in Latin Ibero-American contexts, while also drawing lessons from Asia and other emerging economies; Connecting multiple levels of analysis. It links public policy, firm strategy, and sectoral adoption of digital technologies (AI, automation, Industry 4.0); Integrating evidence and recommendations. It combines comparative case studies with clear guidance for policymakers, practitioners, and scholars.

Proposed Table of Contents

1. Introduction: Innovation and Development in Latin Ibero-America
2. Theoretical Frameworks: Innovation Systems and Digital Transformation
3. Public Policy for Innovation: Opportunities and Gaps
4. Financing Innovation: Overcoming Financial Constraints
5. Firms and Technology Adoption: Industry 4.0 in Practice
6. Case Studies: National Innovation Policies in the Region
7. Ethics, Equity, and Governance of Advanced Technologies
8. Comparative Lessons: Latin Ibero-America and Emerging Asia
9. Policy Roadmap and Future Directions

Manuscript Information

- December 30 deadline chapter proposal.
Includes: tentative chapter title, full authors names, affiliations and institutional emails. 4-6 keywords. Extended abstracts 1-2 pages Max.
- Chapter proposal review: january, 2026
- Chapter submission: april 30, 2026
- Chapter peer review feedback: june 30, 2026
- Chapter revisions: jul 31, 2026
- Book delivery to the publisher: october 30, 2026

Chapters should be 6000-8000 words (including references), double spaced pages and structured to include:

- Abstract (200 words)
- Key words (4-6 keywords)
- Introduction with key question/s
- Theoretical framework/ perspective
- Research methods, data and analysis or Case study illustration
- Implications and conclusions
- APA 7th style for referencing

References

- Aguinis, Padilla-Perez, R. & Gaudin, Y. (2014). Science, technology, and innovation policies in small and developing economies: The case of Central America. *Research Policy*, 43(4), 749-759.
- Alcorta, L. & Peres, W. (1998). Innovation systems and technological specialization in Latin America and the Caribbean. *Research Policy*, 26(7-8), 857-881.
- Alvarez, R. & Crespi, GA. (2015). Heterogeneous effects of financial constraints on innovation: Evidence from Chile. *Science and Public Policy*, 42(5), 711-724.
- Arza, V., Lopez, A., Montes-Rojas, G. & Pascuini, P. (2023). In the name of TRIPS: The impact of IPR harmonisation on patent activity in Latin America. *Research Policy*, 52(6).
- Cancino, C.A., Merigó, J.M., Urbano, D. & Amorós, J.E. (2023). Evolution of the Entrepreneurship and Innovation Research in Ibero-America between 1986 and 2015. *Journal of Small Business Management*, 61(2), 322-352.
- Cimoli, M., Pereima, JB. & Porcile, G. (2019). A technology gap interpretation of growth paths in Asia and Latin America. *Research Policy*, 48(1), 125-136.
- Dutrenit, G., Natera, JM., Anyul, MP. & Vera-Cruz, AO. (2019). Development profiles and accumulation of technological capabilities in Latin America. *Technological Forecasting and Social Change*, 145, 396-412.
- Lezana, B., Guede, B. & Cancino, C.A. (2024). The real return of unicorns: What do we know? *Technology Analysis & Strategic Management*. <https://doi.org/10.1080/09537325.2024.2328150>
- Mojica, FJ. (2010). The future of the future: Strategic foresight in Latin America. *Technological Forecasting and Social Change*, 77(9), 1559-1565.
- Moya-Fernandez, P.J., & Seclen-Luna, J.P. (2024). Evaluating the effects of information sources on innovation outcomes: are there differences between KIBS and manufacturing firms from a Latin America country? *Journal of the Knowledge Economy*, 15, 4024-4055. <https://doi.org/10.1007/s13132-023-01305-w>
- Seclen-Luna, J.P., Alvarez, J., Cancino, C.A. & Gomes Haensel Schmitt, V. (2024a). The Effects of Innovations on Peruvian Companies' Sales: The Mediating Role of KIBS. *Technovation*, 129, January, 102877. <https://doi.org/10.1016/j.technovation.2023.102877>
- Seclen-Luna, J.P., Galera-Zarco, C., & Moya-Fernandez, P. (2024b). Technological Innovation and Eco-efficiency in Manufacturing Companies: Does Co-Innovation Orientation Matter? *Journal of Cleaner Production*, 449. <https://doi.org/10.1016/j.jclepro.2024.141669>
- Seclen-Luna, J.P., Fernández-Olmos, M., Paz-Aparicio, C. (2025). A Simultaneous Relationship Between Digitalization and Servitization? An application to Spanish Importer Manufacturing Firms. *Journal of Enterprise Information Management*. <https://doi.org/10.1108/JEIM-04-2024-0197>