CFP: Handbook of Research on Technological Applications and Innovation for Economic Development

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CALL FOR CHAPTER PROPOSALS
Proposal Submission Deadline: APRIL 1, 2012
Full Chapter Submission: July 1, 2012:

Handbook of Research on Technological Applications and Innovation for Economic Development
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Introduction
The innovation in the 21st century goes significantly beyond the high-tech picture driven by small or large industry clusters in a specific region—typically Silicon Valley and M4Corridor. The future of innovation will lie within knowledge management and seamless technological applications. These will be supported by planned funding strategies, possibly with clients as drivers of the innovation. This view seems to be supported by the UK government “Technology and Innovation Futures” (2011); the USA government (2011), study into which leading scholars concede that the future innovation and technological applications for economic growth will include products and processes, improvements in areas such as logistics, distribution, marketing, new technological applications; quality knowledge management etc.. Most new and emerging economies are or have followed this innovation route towards economic growth. The industries have been there for awhile (Dell computers, Oracle, etc). We have and we will possibly see more of mobile manufacturing, more ubiquity and more economic development solutions driven by ICTs (see for example social networks in governance). The question of industry-knowledge-base proximity remain of critical importance; yet, the role of the University as a knowledge base in creating and transferring knowledge into the industry for economic development remain unclear. Some researchers such as Huggins, Johnston, Steffenson (2008) suggest that the onus placed on universities to become bases of commercialisable knowledge in many regions is probably too heavy.

Objective of the Book
Handbook of Research on Technological Applications and Innovation for Economic Development will illustrate, compare, and discuss models, perspectives, and approaches that can be helpful to understanding state-of-the-art current research on this topic. Contributions will be from different viewpoints and will depict the possible trajectories of future development. The manuscript should provide a “common interface” to scholars and practitioners, allowing for the communication between different disciplines and areas. This “cross-fertilisation” will, hopefully overcome the limitations of the single viewpoint. Especially, scholars are invited to appraise, document definitions, case studies, methodologies, frameworks etc and to show how Technological Applications and Innovations have helped, are helping, or will help companies, nations and regions achieve economic growth through an integrated approach linking
innovation, technological applications to financial, socio-economic growth for industry/national/regional growth.

Target Audience

The book target audience is professionals, researchers, Masters and PhD level students. Policy makers will have useful documentation of cases studies and appropriate models that may be useful for their economic competitiveness at national and regional levels. The book will engage the audience in the lenses of innovation in various aspects of the web of life as related to, but not exclusively specific to, management information science systems, innovation, intellectual capital, knowledge management, operational management, strategic management, marketing, economics and regional economic geographers, manufacturing, supply chain, library, information and communication sciences, administrative sciences and management, government and governance, etc.

Recommended topics include, but are not limited to, the following (in no particular order):

1. Beyond radical innovation
2. Technology and knowledge transfer models
3. Technology and Innovation Futures
4. Organizational, National and Regional capabilities
5. Just in Time Manufacturing and how this will shape the future
6. Linking knowledge management to performance initiatives
7. Retaining knowledge - human and intellectual capital
8. Knowledge management and innovation
9. Innovation and Entrepreneurship
10. Technological Applications and innovations for sustainable development
11. The future of web2.0
12. ICTs for Poverty Alleviation
13. Measuring the value of knowledge already within an organization
14. ICT for Development (ICT4D)
15. Future origins and or markets for new innovations
16. Present and Future Technology Clusters
17. The power of working together industry, Universities and Government
18. 3D
19. Economics of Knowledge Management
20. Marketing of R&D
21. Information and Computer Technologies Applications
22. E_Government
23. Intellectual capital
24. Investment Promotion through ICTs
25. Regional systems of innovation, competitiveness and development
26. Regional innovation strategies, innovative cities and regions
27. Knowledge transfer and infusion, technology transfer
28. Developing an appropriate culture and communication strategy
29. Integrating learning and knowledge infrastructure
30. Knowledge management and the learning organization
31. Information organization and retrieval technologies for improving the quality of knowledge
32. Innovations and technological applications systems for climate change

Submission Procedure

The submission will be a staged process and contributors will follow the following Important Deadlines:

March 1, 2012: Proposal Submission
April 1, 2012: Notification of Proposal Acceptance
July 1, 2012: Full Chapter Submission
August 1, 2012: Review Results Returned to corresponding author(s)
September 1, 2012: Final Chapter Submission

Initial proposal Submissions

Interested researchers and practitioners are invited to submit to the editor, by email, in a word document on or before April 1, 2012. Submissions should be a 2-3 page chapter proposal clearly explaining the mission and concerns of his or her proposed chapter. Authors of accepted proposals will be notified by April 15, 2012 about the status of their proposals. Those for whose proposals have been accepted will be emailed chapter publishers guidelines, and they will have full support from the author during their chapter development process. Full chapters will then be expected to be submitted for review by July 1, 2012. All submitted chapters will be reviewed on a double-blind review basis. Contributors may also be requested to serve as reviewers for this project.

Publisher

This book is scheduled to be published by IGI Global (formerly Idea Group Inc.), publisher of the “Information Science Reference” (formerly Idea Group Reference), “Medical Information Science Reference,” “Business Science Reference,” and “Engineering Science Reference” imprints. For additional information regarding the publisher, please visit www.igi-global.com. This publication is anticipated to be released in 2013.