
Editorial

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Biographical notes: Iuan-Yuan Lu is a Professor in the Institute of Business Management, National Sun Yat-sen University, Taiwan. He received a PhD in Administration Engineering in 1978 from Keio University, Japan. He is the President of the Chinese Society for Quality, the Board of Directors of China Steel Corp, the Board of Committee of the Fortune Institute of Technology, the Board of Committee of the Electronics Testing Center (ETC), the Board of Directors of Chinese Institute of Industrial Engineering, the Board of Directors of Chinese Management of Technology Society, the Member of Board of the Asian Network for Quality, the Publisher of the *Journal of Quality* and *Quality Magazine*. His current research interests include industrial engineering and management, technology management, technology innovation, technology policy, R&D management, TQM, product development and production management, SCM, fuzzy evaluation and decision making.

1 Introduction

As widely recognised, knowledge has recently driven productivity and economic growth, leading to a new focus on technology and information. A global economy, a world market for products, and the increasing tendency of global competition must have technological innovativeness if they, a world market for products, and the increasing tendency of global competition hope to enhance the competitive competence of firms as well as competitive edges. On the basis of the above, knowledge can be viewed as tacit as well as codified and integrated into an innovation system. Specifically, technological innovation requires more with respect to the complexity of knowledge and different knowledge types.

This Special Issue of the IJTM will address technological innovation and knowledge management in the high-technology industries such as the electronics, semiconductor, biotechnology and pharmaceutical industries. This issue encompasses a wide variety of papers: knowledge of technology innovation, technological innovation theoretically or empirically and performance evaluation of technological innovation.

2 Subject coverage

We invite authors to submit their research on this Special Issue. The editorial team encourages people from technological innovation to knowledge, as we intend to

emphasise the high-tech industry and provide how innovative knowledge uses new technologies to increase efficiency and reduce R&D costs and risks.

Topic areas of interest include (but are not limited to):

- Patterns of Technology Innovation Activity
- Collaboration and Technology Innovation Network
- Technology Innovation and Firm Performance
- Technology Innovation Theory and Methodology
- Technology Innovation Competence
- Innovation Technology-Based Knowledge Management
- High-Tech Industry Knowledge Management
- Innovation Knowledge Sharing and Technology Spillover.