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Special issue on: "Commercialisation Processes and Open Innovation"

Guest Editors:

Dr. Jarkko Pellikka, Honeywell Finland, Finland

Tapani Väänänen, Kuopio Innovation Ltd, Finland

Since innovation has become an increasingly important source of competitive advantage and business investment in R&D and innovation has risen, innovative firms have become increasingly dependent on external sources of knowledge rather than in-house research. Intensified competition, need for rapid market entry/time to market (shorter product life cycles) and need for an access to additional competence (expanded technological opportunities) force them to innovate more quickly and focus their R&D expenditures, while seeking privileged and rapid access to complementary new knowledge in the public and private sectors.

A result of these driving forces has been the emergence of a new type of organisation of industrial research that is less centred in individual firms, based more on networks and markets, and in some cases, is more reliant on high technology firms. Therefore, rather than relying on internal resources for processes such as commercialisation, firms are increasingly participating in 'open innovation' (see Chesbrough 2006), i.e. active innovation-related collaboration between business partners, which may help firms to realize the value of new products, e.g. by acquiring technologies from external sources (Lichtenthaler 2008b).

Therefore, potential challenges may be



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related to factors such as the creation of partnerships with external technology providers and other partner companies (thus building a network of inter-organisational R&D that provides a means to coordinate diverse actors – including small technology firms, universities and science parks – that can all contribute specific competences and technological assets to the commercialisation process in high technology industries (Pellikka 2007, 2009).

The purpose of this Special Issue is to bring together papers which contribute to the understanding of the specific features of commercialization processes and open innovation models in high technology fields. Manuscripts are invited from both practitioners and management researchers and they may be purely theoretical or based on empirical research.

Subject Coverage

Topics include, but are not limited to, the following:

- Open innovation and high technology sectors
- Commercialization processes and open innovation
- Regional innovation systems and open innovation
- Knowledge-intensive business services and regional innovation systems
- Inter-organizational relations and open innovation models
- Open innovation business models for SMEs
- Open innovation strategy in high technology industry
- Firm-related growth and open innovation
- Internationalization and open innovation

Notes for Prospective Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. (N.B. Conference papers may only be submitted if the paper was not originally copyrighted and if it has been completely re-written).

All papers are refereed through a peer review process. A guide for authors, sample

copies and other relevant information for submitting papers are available on the [Author Guidelines](#) page

🕒 Important Dates

Deadline for submission of manuscripts: *1 September 2010*

Notification of acceptance/rejection to authors: *1 December 2010*

Submission of final manuscript: *1 March 2011*

👤 Editors and Notes

You may send one copy in the form of an MS Word file attached to an e-mail (details in [Author Guidelines](#)) to the following:

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Please include in your submission the title of the Special Issue, the title of the Journal and the name of the Guest Editor

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