

論文 / 著書情報
Article / Book Information

題目(和文)	
Title(English)	FIRM STRATEGY INSIGHTS FROM BUSINESS ECOSYSTEM FORMATION DYNAMICS
著者(和文)	GuptaRanjit
Author(English)	Ranjit Gupta
出典(和文)	学位:博士(学術), 学位授与機関:東京工業大学, 報告番号:甲第11538号, 授与年月日:2020年3月26日, 学位の種別:課程博士, 審査員:梶川 裕矢,辻本 将晴,日高 一義,後藤 美香,仙石 慎太郎
Citation(English)	Degree:Doctor (Academic), Conferring organization: Tokyo Institute of Technology, Report number:甲第11538号, Conferred date:2020/3/26, Degree Type:Course doctor, Examiner:,,,,
学位種別(和文)	博士論文
Category(English)	Doctoral Thesis
種別(和文)	論文要旨
Type(English)	Summary

(博士課程)
Doctoral Program

論文要旨

THESIS SUMMARY

系・コース : Department of Graduate Studies in	Innovation Science	系 コース	申請学位 (専攻分野) : Academic Degree Requested	博士 Doctor of	(Philosophy)
学生氏名 : Student's Name	RANJIT GUPTA		指導教員 (主) : Academic Supervisor(main)	KAJIKAWA, YUYA	
			指導教員 (副) : Academic Supervisor(sub)	TSUJIMOTO, MASAHARU	

要旨 (英文 300 語程度)

Thesis Summary (approx.300 English Words)

This thesis provides a strategy framework as guidance for ecosystem linked firms to efficiently identify relevant ecosystems to engage with and influencing entities within them, access cross-knowledge and evaluate merits of specific positioning within the ecosystems.

Three ecosystem types are isolated from ecosystem related jargons in academic literature. Business Ecosystem (BE), Innovation Ecosystem (IE) and Digital Ecosystem (DE) were found to be the largely exclusive umbrella terms used. Using keywords analysis, topics that are exclusive or overlapping for these three ecosystem types are characterized into themes. Keyword network analysis revealed certain distinct larger or central domains which co-occur with others across the three ecosystems, as evidence of knowledge sharing across the ecosystem types. As firm strategy is found to be semantically best represented as a BE topic with knowledge sharing from IE and DE, the next steps explore strategy insights from the lens of a firm as the primary actor.

The merits of a firm's engagement in specific positions of selected ecosystems, is assessed through insights from dynamics of ecosystem formation. For a breadth coverage, the contrasting case studies of the more centrally themed global electric vehicles (EV) and the distributed ecosystems emerging from the Internet of Things (IOT) paradigm, are selected. Global deals network analysis is applied to both cases to reveal clusters of heightened activity and their respective hub firms. The EV hub firms leading competing ecosystems mostly in different geographies are found to be evolving from diverse business of the EV value chain such as manufacturers of batteries, vehicles, cables, motors, electromechanical braking, assembly production systems, power distribution systems and charging stations. In contrast, the IOT linked hub firms are found to be non-competing incumbents that include online retailer, semiconductor manufacturers, exclusive smart device manufacturers, telecommunication service provider and satellite based monitoring services. Subsequently, the hub firms are profiled based on the rationale of their deals to derive deal intentions and strategies employed by them.

The combined insights are collated and structured as a unified ecosystem firm strategy framework. In addition to guiding diverse product and services firms, the findings in this study offer directional basis to researchers, industrial associations, policy makers and other influencers.

備考：論文要旨は、和文 2000 字と英文 300 語を 1 部ずつ提出するか、もしくは英文 800 語を 1 部提出してください。

Note: Thesis Summary should be submitted in either a copy of 2000 Japanese Characters and 300 Words (English) or 1copy of 800 Words (English).

注意：論文要旨は、東工大リサーチリポジトリ(T2R2)にてインターネット公表されますので、公表可能な範囲の内容で作成してください。

Attention: Thesis Summary will be published on Tokyo Tech Research Repository Website (T2R2).