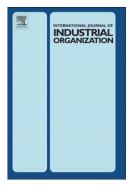
Accepted Manuscript

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| PII: | S0167-7187(15)00120-4 |
|------------|-------------------------------------|
| DOI: | doi: 10.1016/j.ijindorg.2015.11.003 |
| Reference: | INDOR 2273 |



To appear in: International Journal of Industrial Organization

Received date: 5 April 2013 Revised date: Accepted date:

6 November 2015 8 November 2015

Please cite this article as: Colombo, Luca, Dawid, Herbert, Complementary Assets, Start-Ups and Incentives to Innovate, International Journal of Industrial Organization (2015), doi: 10.1016/j.ijindorg.2015.11.003

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Complementary Assets, Start-Ups and Incentives to Innovate $\stackrel{\bigstar}{\sim}$

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Abstract

We examine to what extent market conditions facilitating start-up formation affect firms' R&D investment and profits. We consider a model in which R&D efforts of an incumbent firm generate partly tacit technological know-how embodied in a key R&D employee, who might use it to form a start-up. The availability of complementary assets influences whether new firms are created and determine expected profits for start-up's founders. A large availability of complementary assets has the *direct effect* that the generation of start-ups is fostered. However, as a *strategic effect*, the incentives of incumbents to invest in R&D may be reduced because of the increased danger of knowledge loss occurring through start-up formation. We characterize the effects of an increase in the availability of complementary assets, showing that counter-intuitively there are cases in which it induces an increase in incumbents' R&D investment.

JEL classification: L20, M13, O32

Keywords: Tacit Knowledge, Complementary Assets, Technological Change, R&D

Effort, Start-Up Creation

 $^{^{\}alpha}$ Financial support from the German Science Foundation (DFG) under grant GRK1134/2 (International Research and Training Group 'Economic Behavior and Interaction Models' - EBIM), from the Italian Ministry of Research under grant PRIN - 'Non Linear Models in Economics and Finance' and from COST Action IS1104 "The EU in the new economic complex geography: models, tools and policy evaluation" is gratefully acknowledged.

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