

## CURRICULUM VITAE

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Technology and Economics, Weinbergstrasse 56-58, 8092  
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### Employment Record

*From June 2011*

Professor of Technology and Innovation Management, Department of Management,  
Technology and Economics, ETH Zurich (CH)

*November 2006 – May 2011*

Associate Professor of Applied Economics, Department of Economics, Bocconi University,  
Milan (I)

*May 2003 – October 2006*

Assistant Professor (Research) of Applied Economics, Bocconi University, Milan (I)

*May 2002 - April 2003*

ESRC (Economics and Social Sciences Research Council) Post-Doctoral Fellow. SPRU,  
University of Sussex (UK)

*June 2001 – April 2002*

Research Fellow, SPRU, University of Sussex.

*September 1996 – May 2001*

DPhil Student at SPRU, University of Sussex

### Education

*June 2001.* DPhil. Science and Technology Policy Studies (SPRU, University of Sussex).

*March 1995.* Laurea Degree, full marks and honours, in Economics and Social Sciences (DES),  
Bocconi University, Milan.

**Publications (selected)**

Schulze, A., & Brusoni, S. (2022). How dynamic capabilities change ordinary capabilities: Reconnecting attention control and problem-solving. *Strategic Management Journal*. <https://doi.org/10.1002/smj.3413>

Jacobides M., Brusoni S. and F. Candelon (2021) The Evolutionary Dynamics of the AI Ecosystem. *Strategy Science*. 6(4):412-435

Brusoni, S., Cassi, L., & Tuna, S. (2020). Knowledge integration between technical change and strategy making. *Journal of Evolutionary Economics*, 1-32.

Masucci, M., Brusoni, S., & Cennamo, C. (2020). Removing bottlenecks in business ecosystems: The strategic role of outbound open innovation. *Research Policy*, 49(1), 103823.

Masucci, M., Parker, S. C., Brusoni, S., & Camerani, R. (2020). How are corporate ventures evaluated and selected? *Technovation*, 99, 102126.

Brusoni S., Canessa N., Laureiro-Martinez, D. and M. Zollo (2020) The role of affective states as forces that prevent change. *Industrial and Corporate Change*. 29 (1): 207–223.

Laureiro-Martinez, D., Brusoni, S., Tata, A., & Zollo, M. (2019). The manager's notepad: Working memory, exploration, and performance. *Journal of Management Studies*, 56(8), 1655-1682.

Tuna, S, Brusoni S. and A. Schulze (2019). Architectural knowledge generation: Evidence from a field study. *Industrial and Corporate Change*. 28 (5): 977–1009

Eslami, M.; Lakemond, N. and S. Brusoni (2018). The dynamics of knowledge integration in collaborative product development: Evidence from the capital goods industry. *Industrial Marketing Management*. 75, 146-159.

Crespi, C., Laureiro-Martínez, D., Dodich, A., Cappa, S. F., Brusoni, S., Zollo, M., and N. Canessa, N. (2018). Improving innovative decision-making: Training-induced changes in fronto-parietal networks. *Brain and cognition*, 128, 46-55.

Laureiro-Martinez D. and S. Brusoni (2018). Cognitive Flexibility and Adaptive Decision-Making: Evidence from a laboratory study of expert decision-makers. *Strategic Management Journal*. 39 (4): 1031-1058.

Ramus, T., La Cara, B., Vaccaro, A. and S. Brusoni (2018) Social or Commercial? Innovation Strategies in Social Enterprises at Times of Turbulence. *Business Ethics Quarterly*, 1-30.

Tata A., David G., Laureiro-Martinez D. and S. Brusoni (2017). The Psycholinguistics of Entrepreneurship. *Journal of Business Venturing Insights*. 7, 38-44.

Ramus, T., Vaccaro N. and S. Brusoni (2017). Institutional complexity in turbulent times: formalization, collaboration, and the emergence of blended logics. *Academy of Management Journal*. 60 (4), 1253-1284

Dönmez, D., Grote, G., and S. Brusoni (2016). Routine interdependencies as a source of stability and flexibility. A study of agile software development teams. *Information and Organization*, 26 (3): 63-83.

Laureiro-Martínez, D., Venkatraman, V., Cappa, S., Zollo, M., & Brusoni, S. (2015). Cognitive Neurosciences and Strategic Management: Challenges and Opportunities in Tying the Knot. Cognition and Strategy *Advances in Strategic Management*, 32, 351-370.

Laureiro-Martínez, D., Brusoni, S., Canessa, N. and Zollo, M. (2015), Understanding the exploration–exploitation dilemma: An fMRI study of attention control and decision-making performance. *Strategic Management Journal*, 36: 319–338

Cirillo B., Brusoni S. and G. Valentini (2014) The Rejuvenation of Inventors through Corporate Spin-Outs. *Organization Science*. 25 (6): 1764-1784.

Laureiro - Martínez D, Canessa N, Brusoni S, Zollo M, Hare T, Alemanno F, Cappa SF. (2014). Frontopolar cortex and decision-making efficiency: comparing brain activity of experts with different professional background during an exploration-exploitation task. *Frontiers in Human Neuroscience*, 7(927): 1-10

Brusoni, S. and A. Prencipe. (2013) "The organization of innovation in ecosystems: Problem framing, problem solving, and patterns of coupling." *Advances in Strategic Management* 30: 167-194.

Vaccaro A., Brusoni S. and F. Veloso (2011) Virtual Design, Problem Framing and Innovation: An Empirical Study in the Automotive Industry. *Journal of Management Studies*. 48 (1): 99-122

Laureiro-Martínez D., Brusoni S. and M. Zollo (2010) The neuro-scientific foundations of the exploration-exploitation dilemma. *Journal of Neurosciences, Psychology and Economics*. 3 (2): 95-115.

Balconi M., Brusoni S. and L. Orsenigo (2010). In Defence of the Linear Model: An essay. *Research Policy*. 39 (1): 1-13.

Vaccaro A., F. Veloso and S. Brusoni (2009) The Impact of Virtual Technologies on Knowledge-based Processes: An empirical study. *Research Policy* 38 (8): 1278-1287

Brusoni S., Marengo L., Prencipe A. and M. Valente (2007) The Value and Costs of Modularity: A problem-solving perspective. *European Management Review* 4 (1): 15-39.

Giuri P., Mariani M., Brusoni S. et al. (2007) Inventors and Invention Processes in Europe: Results from the PatVal survey. *Research Policy*. 36:1107-1127

Brusoni, S. and A. Prencipe (2006) 'Making Design Rule: A multi-domain perspective' *Organization Science*, Special Issue on 'Organization Design' Roger Dunbar and Bill Starbuck eds. 17 (2): 179-189.

Brusoni, S., Marsili O. e A. Salter (2005) 'The role of codified sources of knowledge in innovation: empirical evidence from Dutch manufacturing' *Journal of Evolutionary Economics* 15 (2): 211-231.

Brusoni, S., Criscuolo, P. and A. Geuna (2005) ‘The Knowledge Bases of the World’s Largest Pharmaceuticals Groups: What do patent citations to non-patent literature reveal?’ *Economics of Innovation and New Technology*, **14** (5): 395-415.

Brusoni S. and A. Geuna, (2003) ‘The Key Characteristics of Sectoral Knowledge Bases: An International Comparison’, *Research Policy*, **32**, no. 10, pp. 1897-1912.

Brusoni, S., Prencipe A. and K. Pavitt (2001) ‘Knowledge Specialisation, Organizational Coupling and the Boundaries of the Firm: Why Firms Know More Than They Make?’, *Administrative Science Quarterly*, **46** (4): 597-621.

Brusoni S. and A. Prencipe (2001) ‘Unpacking the Black Box of Modularity: technologies, products, organizations’, *Industrial and Corporate Change*, **10** (1): 179-205.

### Guest Editor

Brusoni S. and N. Vaccaro (2016) Special issue on: Innovation and Ethics. *Journal of Business Ethics*.

Brusoni S., M. Jacobides and A. Prencipe (2009) Special issue on: Strategic Dynamics in Industry Architectures: The challenges of Knowledge Integration. *European Management Review*. Vol.7, Issue 4.

### Books

Cognition and Innovation (2018). Edited with Kristian Sund and Robert Galavan. Emerald Publishing.

Managing Knowledge Integration Across Boundaries. (2017). Edited with Fredrik Tell, Christian Berggren and Andrew Van de Ven. Oxford University Press.

Perspectives on Innovation. (2007). Edited with F. Malerba, Cambridge University Press.

## **Honours and awards**

- 2018 Organization Science Award for Extraordinary Service to the Editorial Board
- 2017 Organization Science Award for Extraordinary Service to the Editorial Board
- 2017 ETHZ Innovedum grant for innovation in teaching
- 2016 ETHZ Innovedum grant for innovation in teaching
- 2015 Organization Science Award for Extraordinary Service to the Editorial Board
- 2014 ETHZ Innovedum grant for innovation in teaching.
- 2014 Strategic Management Journal Award for Excellent Service to the journal
- 2012 Organization Science Award for Extraordinary Service to the Editorial Board
- Bocconi’s Research Profile (2006/07, 2007/08, 2008/09).

- Bocconi funding for basic research 2006-2007
- 2009 Winner of Organization Science Winter Conference of Best Poster Award, with Anna Canato.
- 2007 Academy of Management TIM Division Award for Best Reviewer.
- Silvio Tronchetti Provera Foundation Research Fellowship (2003-2007).
- 2003 Academy of Management TIM Division Nominee for W. H. Newman Award (best paper based on PhD project)
- 2003 Academy of Management TIM Division Award for Best Reviewer.
- ESRC Post-doctoral Fellowship (May 2002- April 2003)
- 2000 International Schumpeter Society Award for Best PhD Project poster presentation.
- Marie Curie Fellowship (TMR): April 1998 - March 2000.
- Bocconi University Fellowship for Post Graduate Studies Abroad. 1996 and 1997.

### Contributions to teaching (only ongoing)

- ETH HST EMBA Leadership and Technology, Director and teacher
- MSc MTEC, core and electives
- MAS MTEC, core and electives
- PhD program, MTEC (Foundations of Innovation Studies; Qualitative Research Methods)
- Custom programs

### Research Contracts (selected)

2019-...	Swiss SNF Grant, Principal Investigator, Training for Ambidexterity
2015-2017	Swiss SNF Grant, Principal Investigator, A Logic of Appropriateness.
2014-2016	Swiss SNF Grant, Principal Investigator, Time focus of startup founders.
2013	Swiss SNF Grant, Principal Investigator, Managerial Attention Research: How do managers pay attention to opportunities and threats? How can research be more useful to them? (International Exploratory Workshops).
2009 - 2011	DG Research, European Commission, senior researcher: AEGIS.
2007 - 2010	DG Research, European Commission, Principal Investigator: Culture and Innovation Dynamics – Explaining the Uneven Evolution of Human Knowledge.
2007 - 2009	PRIN, Italian Ministry of Research, Senior Researcher, <i>Microeconomics and microelectronics: innovation, demand and vertical disintegration in the semiconductors industry.</i>

2006 - 2008	PRIN, Italian Ministry of Research, Senior Researcher, <i>Offshoring of the intangibles</i> .
2004 - 2010	DG Research, European Commission: Work Package Coordinator (Industry Dissemination) in the network 'DIME – Dynamics of Institution and Markets in Europe'.
2004-2006	DG Research, European Commission: Senior Researcher in the project 'KEINS – Knowledge-based Entrepreneurship, Innovation and Networks'.

## Service

- 2022 - ..., Prorector for Continuing Education, ETH Zurich.
- 2018-2022, Director of Studies, D-MTEC, ETH Zurich.
- 2019-2021, Strategic Management Society, Chair, Behavioural Strategy IG
- Since 2019, Co-Chair of the Best Conference Paper Prize Committee, Strategic Management Society (SMS)
- 2015-2020, Chair, Technology and Innovation Management Division, Academy of Management.
- European Research Council, SH1, Starting Grants, panellist and deputy head of the panel (2015-2017)
- Chair, Knowledge and Innovation IG, Strategic Management Society (2013-2015)
- Chair of Committee for the evaluation of the national research assessment of Italian Universities in management sciences (Italy, 2014-2015)
- Teaching Delegate, D-MTEC, ETH Zurich (2013-2015).
- Member of the Executive Committee of the BPS (Business Policy and Strategy) Division of the AOM (2011-2013).
- Member of the Research Committee of the BPS (Business Policy and Strategy) Division of the AOM (2009-2011).
- Deputy Director, KITeS (Knowledge, Internationalization and Technology Studies), Bocconi University (2009-2011)
- Director of Graduate Programme in Economics and Management of Innovation (EMIT), Bocconi University (2011).

## Other activities

- *Senior Editor*: Organization Science
- *Editorial Board*: Academy of Management Discoveries, Strategic Organization, Industrial and Corporate Change.
- *Referee for the following journals*: Administrative Science Quarterly, Management Science, Small Business Economics, Research Policy, Organisation Studies, Journal of International Business Studies, Journal of Management and Governance, Academy of Management Review, Academy of Management Journal, Industrial and Corporate Change, International Journal of Innovation Management, International Journal of Technology Management, Economics of Innovation and New Technology, etc.