

## Alessandro Narduzzo

Italian citizen, born on May 15, 1967



### **Position**

Full Professor of Management (SECS-P/8) at the Faculty of Economics and Management – Free University of Bozen Bolzano, Italy, as of 2011.

### **Other current institutional offices**

Director of the Master of Science (*Laurea Magistrale*) Program in Entrepreneurship and Innovation, at the Faculty of Economics and Management – Free University of Bozen Bolzano, since AY 2004/05.

### **Previous academic positions**

2004-10 Associate Professor of Strategic Management (SECS-P/8) at the School of Economics and Management – Free University of Bozen-Bolzano.

2000-04 Assistant Professor in Business Administration and Strategic Management (SECS-P/08), Management Science Dept., School of Economics - University of Bologna, Italy.

1999-01 Contract Professor in Strategic Management, School of Economics, University of Trento, Italy.

### **Past institutional duties**

- Deputy Dean School of Economics and Management, Free University of Bozen-Bolzano, from 2012 to 2014 and from 2017 to 2018.
- Member of the Free University of Bozen-Bolzano Quality Assurance Board (*Presidio di Qualità*), from 2013 to 2015.
- Member of the Free University of Bozen-Bolzano Evaluation Unit (*Nucleo di Valutazione di Ateneo*), from 2008 to 2011.
- Faculty Member of the PhD Program in Management and Business Administration, Management Science Dept. University of Bologna from 2002 to 2010.
- Faculty Member of the PhD Program in Management and Economics on Organizational and Institutional Outliers, Faculty of Economics and Management, Free University of Bozen-Bolzano, from 2014 to 2016.
- Scientific Coordinator of the unibz Fablab, the Fablab of the Free University of Bozen-Bolzano, from 2015 to 2017.

### **Education**

2014 Visiting scholar, Dept. of Management, Freie Universität Berlin.

2003-04 Visiting scholar, Carroll School of Management, Boston College.

1997-99 Post-doctorate scholarship awarded by the Dept. of Management and Computer Science at the University of Trento.

1994-97 Ph.D. degree in Management from the University of Bologna.

1994-95 Visiting graduate student at the Collaboratory for Research on Electronic Work, School of Business of the University of Michigan.

1992-93 Visiting graduate student at the Cognitive Science Department, the University of California - San Diego.

1987-92 Laurea degree in Economics and Management from Ca' Foscari, the University of Venezia.

### **Research interests**

My research activity is focused on organizational capabilities and their strategic implications. The cornerstone of this theoretical framework is the assumption that knowledge is a primary source of firms competitive advantage. Organizational capabilities are mainly embodied in practices and organizational routines, investigated through evolutionary and relational perspectives, emphasizing both behavioral and cognitive dynamics. My empirical studies inquiry processes of generation, development and mobilization of organizational capabilities in various contexts, including knowledge-intensive firms, high-reliability organizations, and creative design companies.

### **Publications**

1. Narduzzo A., Volo S., 2018, Tourism innovation. When interdependencies matter. *Current Issues in Tourism*. Vol. 21(7) 735-741. DOI: 0.1080/13683500.2016.1214111. (ANVUR A journal. IF: 1,733).
2. Höger H. L., Narduzzo A., Prey K. (a cura di), 2018, Microstorie di innovazione e imprese. Corraini edizioni. ISBN: 9788875707231.
3. Longo C., Narduzzo A., 2017, Transactive Knowledge from Communities of Practice to Firms. An Empirical Investigation of Innovative Projects Performance. *European Journal of Innovation Management*. Vol. 20(2). DOI: 10.1108/EJIM-10-2016-0098. (ANVUR journal; AIDEA B journal).
4. Frigotto M.L., Narduzzo A., 2016, Sbiancare il cigno nero? Strategie e competenze manageriali per riconoscere il nuovo. *Sinergie, Italian Journal of Management*, Vol. 34(99). DOI: 10.7433/s99.2016. (ANVUR journal).
5. Narduzzo A., and Lorenzoni G., 2016, Physical artifacts, Exaptation and Innovation as Novel Recombination. In Spender JC, Schiuma G., Noenning J.R. (Eds.) *Proceeding of IFKAD 2016*. The 11th International Forum on Knowledge Asset Dynamics. Towards a New Architecture of Knowledge: Big Data, Culture and Creativity. Dresden, Germany 15-17 June, 2016. ISBN: 9788896687093. pp. 1458-1469.
6. Narduzzo A., 2014, Book Review: Jörg Sydow and Gerog Schreyögg (Eds.) Self-Reinforcing Processes in and among Organizations, *Organization Studies*, 35, 8, 1231-1234. DOI: 10.1177/0170840614532064.
7. Narduzzo A., 2011, "Apprendimento organizzativo" in A. Bonaccorsi, M. Bucchi (a cura di), *Trasformare conoscenza, trasferire tecnologia*, Venezia: Marsilio.
8. Narduzzo A., 2008, *Gestire le competenze. Gli artefatti e la rappresentazione della conoscenza nelle imprese*, Bononia University Press.
9. Narduzzo A. Warglien M., 2008, Conducting Experimental Research on Organizational Routine, in M. C. Becker (ed. by), *Handbook of Organizational Routines*, Edward Elgar, Cheltenham.
10. Narduzzo A., Zan L., 2007, The Opificio delle Pietre Dure in Florence: between excellence and survival, in Ayata B. (ed. by), *Kulturen och dess ekonomier*, Studentlitteratur AB, Stockholm.
11. Narduzzo A. Odorici V., 2007, Orfeo TV e le televisioni di strada. Quando le rivoluzioni vengono dal basso, *Ti con Zero*, 76, Agosto.
12. Narduzzo A., Rossi A., 2005, The Role of Modularity in Free/Open Source Software Development, in S. Koch (ed by), *Free/Open Software Development*, Idea Group.
13. Narduzzo A., Rossi A., 2005, Modular Design and the Development of Complex Artifacts: Lessons from Free/Open Source Software, in M. Scotto and G. Succi (eds.), *Proceedings of the First International Conference on Open Source Systems*, Genova, 11th-15th July 2005, pp. 162-171.
14. Narduzzo A., 2004, "Le categorie note", in F. Fontana e G. Lorenzoni (eds.), *Il Knowledge management*, Luiss University Press.
15. Narduzzo A., 2004, "Ferrari e i suoi fornitori: lo sviluppo delle competenze", in F. Fontana e G. Lorenzoni (eds.), *Il Knowledge management*, Luiss University Press.
16. Narduzzo A., 2003, *Le fonti del vantaggio competitivo*, Franco Angeli, Milano.
17. Narduzzo A., Rossi A., 2003, "Open/Free Software as a Complex Modular System", in *Proceedings AICA Annual Conference, I costi dell'ignoranza e il valore della conoscenza nella società dell'informazione*, 247-254.
18. Alvisi A., Narduzzo A., Zamarian M., 2003, PlayStation and the Power of Unexpected Consequences, *Information, Communication & Society*, 6, 4, 608-627.

19. Boari C., Narduzzo A., Odorici V., 2003, "Lo sviluppo dell'impresa in un contesto globale interrotto", in C. Boari (ed. by), *Quale impresa per quale sviluppo*, Carocci, Roma.
20. Narduzzo A., Rocco, E., Warglien M, 2000, "Talking about routines in the field: the emergence of organizational capabilities in a new cellular phone network company", in G. Dosi, R.R. Nelson, e S.G. Winter (eds.), *The Nature and Dynamics of Organizational Capabilities*, Oxford University Press, Cambridge.
21. Narduzzo, A., 1999, Staffing e Risorse Umane, in M. Sobrero, (a cura di) *La gestione dell'innovazione: strategia, organizzazione e tecniche operative*, Carocci, Roma.
22. Narduzzo A., Lorenzoni G., Zan L., 1999, "Conservazione e restauro come "attività caratteristica" nella filiera museale", in L. Zan (ed. by), *Conservazione e innovazione nei musei italiani*, ETAS, Milano.
23. Narduzzo A., Zan L., 1999, "L'Opificio delle Pietre Dure, tra conoscenze distintive e sopravvivenza", in L. Zan (ed. by), *Conservazione e innovazione nei musei italiani*, ETAS, Milano.
24. Narduzzo A., 1998, Organizational memory, cognitive artifacts and routinization: suggestions from a field-study, *Revue Internationale de Systémique*, 12, 1, 51-62.
25. Narduzzo A., Warglien M., 1998, "Le routine come competenze organizzative", in A. Lipparini, (ed. by), *Competenze organizzative. Sviluppo, condivisione, trasferimento*, Carocci, Roma.
26. Narduzzo A., 1998, Le tecnologie di telecomunicazione mobile, in L. Gaio ed E. Zaninotto, *Standardizzazione e modelli di produzione post-fordisti*, CEDAM, Padova.
27. Egidi M., Narduzzo A., 1997, The emergence of path-dependent behaviours in cooperative contexts, *International Journal of Industrial Organization*, 5, 677-709.
28. Narduzzo A., Warglien M., 1996, Learning from the Experience of Others, *Industrial and Corporate Change*, Vol.5, N.1, 113-126.
29. Narduzzo A. and Warglien M., 1992, L'Esperienza degli Altri, *Sviluppo & Organizzazione*, Luglio.

#### **Publications impact**

**Google Scholar Database (October 2018): All citations: 634; h-index: 10.**

**Scopus Database (October 2018): Documents: 6; Citations 68; h-index: 3.**

#### **Selected peer-reviewed conference talks**

*Unpacking the resilient organization: Interaction patterns, expertise, and hierarchy in a high reliability organization. 34<sup>th</sup> EGOS Colloquium* - Subtheme 51: The Surprising Nature of Resilient Organizations, Tallinn, Canada. July 5-7, 2018.

*Physical artifacts, Exaptation and Innovation as Novel Recombination. IFKAD 2016. The 11th International Forum on Knowledge Asset Dynamics. Towards a New Architecture of Knowledge: Big Data, Culture and Creativity. Dresden, Germany 15-17 June, 2016*

*Organizations dealing with the unthinkable, Submitted to Track Emergency management, Crisis, Recovery and Organisational Resilience of the 15th EURAM Annual Conference, Poland Warsaw, June 17-20, 2015. **Best Conference Paper Nominee.***

*Small accidents and unlocking paths in routinized behavior. 74<sup>th</sup> American Academy of Management Annual Conference, Philadelphia, Pennsylvania, August 1-5, 2014.*

*What counterbalances the amplifying path-dependence of routinization, 29<sup>th</sup> EGOS Colloquium* - Subtheme 39: Bridging Time: Exploring the Dynamics of Routines and Path Dependence, Montreal, Canada. July 4-6, 2013.

*9.11 – Organizations detecting novel crises. 72<sup>nd</sup> American Academy of Management Annual Conference, Boston, Massachusetts, August 5-8, 2012.*

*Artifacts and organizations: storing and mobilizing innovative knowledge, 27<sup>th</sup> EGOS Colloquium* - Subtheme 37: (Re-)Assembling Routines, Gothenburg, Sweden. July 7-9, 2011.

*Fostering creativity through artifacts, KIO Conference, Monte Verità, Switzerland. 2010.*

*La struttura delle relazioni nei progetti di software libero: un'analisi comparata. Conferenza Italiana del Software Libero, Cagliari, Italy. June 11-12, 2010.*

(Not) Doing Sensemaking on Time. 1<sup>st</sup> **PROS International Symposium**. Pissouri, Cyprus June 11-13, 2009.

Local action & communication flows - Impact of network roles & topology in sustaining CoPs, **25<sup>th</sup> EGOS Colloquium**, ESADE, Barcelona, Spain, July 2-4, 2009.

Openness in video-communication media: New forms of "open television" find their own way, **9<sup>th</sup> EURAM Annual Conference**, Liverpool, UK. May 11-14, 2009.

Communities of Practice in High Tech Companies: The Effects of Diversity and Communication Media, **28<sup>th</sup> Annual International Conference, Strategic Management Society**, Cologne, Germany, October 12-15, 2008.

Novelty in Organizational Adaptation. **68<sup>th</sup> American Academy of Management Annual Conference**, Anaheim, California, August 8-13, 2008.

Sustaining communities of practice: The relevance of network roles in supporting knowledge exchange, **68<sup>th</sup> American Academy of Management Annual Conference**, Anaheim, California, August 8-13, 2008.

9.11 – Organizations coping with the unexpected, **22<sup>nd</sup> EGOS Colloquium**, University of Bergen, Norway, July 3-5, 2006.

Conventional artifacts in the digital era, **65<sup>th</sup> American Academy Of Management Annual Conference**, Honolulu, Hawaii, USA. August 5-10 2005.

Knowledge and firms: in search of archetypes, **21<sup>st</sup> EGOS Colloquium**, Unlocking Organizations, Berlin, Free University of Berlin, Germany, June 30 - July 2, 2005.

Knowledge transfer through unconventional artifacts, **20<sup>th</sup> EGOS Colloquium**, Ljubljana University, Slovenia, July 2-4, 2004.

Beyond the oxymoron: How "cultivating communities of practice" may actually start to make sense, 10th Annual **Organization Science Winter Conference**, Steamboat Springs, Colorado, Feb 5-8, 2004. **Best poster award.**

Le conoscenze orfane: lezioni dall'esperienza sul campo, 26th Annual Conference of the Italian Management Academy, **AIDEA**, Udine, November 14-15 2003.

Molding Organizational Capabilities: Implicit Learning, Conceptual blending and cognitive artifacts, Conference on Empirical Research on Routines, University of Odense, Denmark, November 3-4 2002.

Modularity in Action: GNU-Linux and Open Source Software Development Model Unleashed, **EURAM Annual Conference**, Stockholm, Sweden, May 8-11 2002.

Information Contagion and Social Inefficiency: An Experimental Analysis, **ESA (Economic Science Association) Annual Conference**, New York, June 16-18 2000.

Learning, Diffusion of Knowledge and cognitive artifacts: suggestions from a field study, **15<sup>th</sup> EGOS Colloquium**, University of Warwick, United Kingdom, July 4-6 1999.

Diffusion of Technologies via Economic Agents with Heterogeneous Decision Rules, **WEHIA'99 - IV Workshop on Economics with Heterogeneous Interacting Agents**, University of Genoa, Italy, June 4-5 1999.

#### **Research awards**

Expert teams facing novelty: Evidence from an experiment in a high reliability organization. **WOA 2018**, Catholic University Sacro Cuore, Feb 15-16, 2018. **Best Track Paper Award – People.**

Understanding mindfulness as an analytic process. An analysis of 9-1-1 response on September 11, 2001. **WOA 2015**, University of Padova, May 20-22, 2015. **Best Conference Paper Award.**

#### **Selected invited presentations**

Mindfulness in Action and Time: An Analysis of 911 Response on September, 11, 2001. 2016 Cass Strategy Workshop, London, UK 8-9 December, 2016.

Artifacts and organizations: storing and mobilizing innovative knowledge, at Imperial College Business School, Innovation & Entrepreneurship Group. February 16, 2011.

Artifacts and organizations: storing and mobilizing innovative knowledge, at Ca'Foscari University of Venice. April 11, 2011.

### **Courses developed and taught**

*Innovation Management* (in English), Master course, Faculty of Economics and Management, Free University of Bozen-Bolzano, as of 2006/07.

*Strategic Management* (in Italian), Bachelor course, at a) Faculty of Economics and Management, Free University of Bozen-Bolzano as of 2004/05, b) Faculty of Economics, University of Trento, 1999/00, 2000/01.

*Knowledge Management* (in Italian), Master course, at a) Faculty of Economics and Management, Free University of Bozen-Bolzano, from 2004/05 to 2009/10; b) MTI (Information and Communication Technologies) and MCI (Communication) Master Programs, Almaweb, University of Bologna, 2002/03.

*General Management* (in Italian), Bachelor course, at a) Faculty of Economics and Management, Free University of Bozen-Bolzano as of 2004/05, 2005/06; b) School of Economics, University of Bologna, 2003/04, 2002/03; c) School of Science, University of Bologna, 2001/02.

*Developing Organizational Capabilities in Cultural Organizations* (in Italian), Master course, GIOCA Master of Science, University of Bologna, 2003/04, 2004/05.

*Management for Publishing Firms* (in Italian), course offered in the Master in Paper and Multimedial Publishing Firms, Scuola Superiore di Studi Umanistici, University of Bologna, 2001/02, 2002/03.

*Ethnographic research in Economics and Management* (in English), Doctoral Program, at a) the University of Venice, 2006/07 2007/08, b) the University of Lecce – ISUFI, 2004/05, c) Scuola di Studi Superiori, Sant'Anna, Pisa, 2002/03.

*Human Resource* (in Italian), Bachelor course offered as PBL (Problem Based Learning) Experimental Project, University of Trento, 1998/99.

### **Peer reviewed granted research projects**

*Social innovation. Social impact for the Alps Adriatic Region (SIAA)*. 2018-2020, granted by Interreg Italia-Österreich, PI unibz unit: Alessandro Narduzzo.

*Recognizing and reacting to novel emergencies: an organizational perspective*, granted by Province of BZ, 2014. PI: Alessandro Narduzzo.

*Designing, producing and using complex artifacts for managing and organizing firms knowledge*, granted by MIUR (PRIN 2005). PI: Marco Zamarian.

*Representing organizational knowledge: models and digital applications for distributed systems of firms*, led by Massimo Warglien, Ca'Foscari University of Venice, granted by MIUR (FIRB 2004).

*Language and Rationality in Management*, led by Enrico Zaninotto, University of Trento, granted by MIUR (PRIN 2002).

*Modularity of Innovations, division of labor and standards: models of organization and industrial dynamics*, led by Enrico Zaninotto, University of Trento, granted by MIUR (COFIN 1998).

### **Doctoral students supervision**

Siavash Farahbakhsh: *Open Science: the emergence of a paradigm shift from a managerial perspective*, PhD in Management and Economics on Organizational and Institutional Outliers, Faculty of Economics and Management, Free University of Bozen-Bolzano. Cycle 31<sup>st</sup>.

Damiano Russo: *The relation between identity and practice in work environment: a field study on nano tech labs*, Ph.D. in Management and Business Administration, University of Bologna.

Francesco Sguera: *The Social Construction of Cooperation: Exchange, Identification and Collective Actions Within the Organization*, Ph.D. in Management and Business Administration, University of Bologna.

Sara Bonini Baraldi: *Critical issues and tendencies in the Italian public administration reform: the Italian Ministry of Cultural Heritage between centralization and decentralization* (in Italian). Ph.D. in Management and Business Administration, University of Bologna, 17<sup>th</sup> series.

Marco Visentin: *Learning algorithms in managerial cognitive systems. Models and applications*. Ph.D. in Management and Business Administration, University of Bologna, 17<sup>th</sup> series.

Cataldo Ruta: *Knowledge sharing and communication technologies: a motivational analysis*. Ph.D. in Management and Business Administration, University of Bologna, 15<sup>th</sup> series.

***Other duties in the scientific community***

Reviewer for MIUR (Italian University Department): Interlink Research Projects, VQR, PRIN.

External referee of research projects for the Swiss National Science Foundation and for the University of Lugano.

Peer reviewer of manuscript for scientific and academic journals: Organization Science, Academy of Management Journal, R&D Management, European Management Review, Industrial and Corporate Change, Journal of Management Studies, Tourism Management, Scandinavian Journal of Management, Journal of Management and Governance.

Bolzano, October 4, 2018

Alessandro Narduzzo

***Contacts***

School of Economics and Management  
Free University of Bozen-Bozano  
Piazza Università, 1 – 39100 Bolzano, ITALY  
Ph. +39 0471 013 210  
e-mail: [alessandro.narduzzo@unibz.it](mailto:alessandro.narduzzo@unibz.it)  
twitter: anarduz