

Curriculum Vitae

Grid Thoma

PERSONAL INFORMATION

Citizenship: Albania, Italy

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PRESENT POSITION

Since July 2006: Assistant Professor with Tenure of Economics and Management, School of Science and Technology, University of Camerino, Camerino (MC), Italy.

Since November 2011: Rector Delegate on Intellectual Property Management, Industrial Liason Office, University of Camerino, Camerino (MC), Italy.

Since March 2010: Research Fellow at CEFIN "Centro Studi Banca e Finanza", University of Modena and Reggio Emilia, Modena, Italy.

EDUCATION

2002-2006: Ph.D. in Economics and Management at Scuola Superiore Sant'Anna, Pisa, Italy. Title of the dissertation: "Three Essays on the Economics and Management of Pervasive Technical Change". Nominated finalist for the Best Dissertation Award at the DRUID annual conference, Copenhagen, Denmark, June 2008. The dissertation committee: Paul A. David, Alfonso Gambardella, Bronwyn H. Hall, and Salvatore Torrissi.

January-April 2005: Visiting researcher at the Department of Economics at Stanford University, Palo Alto (CA), USA.

2001-2002: Master degree in Innovation Management, Scuola Superiore Sant'Anna, Pisa, Italy.

1997-2001: Graduated *cum laude* in Quantitative Economics, *Laurea* degree, University of Modena and Reggio Emilia, Modena, Italy.

1992-1997: Italian high school scientific certificate: "Maturità Scientifica", Liceo Scientifico Statale "A. Tassoni", Modena, Italy. Evaluation 58/60.

MAIN WORK EXPERIENCE

March 2013: Visiting Professor at School of Economics and Management, Sino-European Center for Innovation and Internationalization, Beihang University, Beijing, China.

January 2005 – September 2012: Research Fellow at CESPRI, "L. Bocconi" University, Milan, Italy.

November – December 2010: Visiting Professor at School of Management, Boston University, Boston (MA), USA.

May – June 2010: Visiting Professor at Graduate School of Engineering, Corporate Asset Management Chair, University of Tokyo, Tokyo, Japan.

November 2007 – October 2009: Member of Patent Statistics Taskforce in collaboration with EUROSTAT, OECD, NSF, EPO, USPTO, JPO, WIPO, and INPI.

April 2009: Visiting Professor at InnoTech, School of Management, Ludwig-Maximilians-Universität, Munich, Germany.

January – February 2008: Visiting Professor at InnoTech, School of Management, Ludwig-Maximilians-Universität, Munich, Germany.

March 2008 – December 2009: Research work on micro datasets regarding the innovation activities of the publicly listed firms within an Ewing Kauffman Foundation Research Project at the National Bureau of Economic Research. The output of this project has been published as an open data platform (www.epip.eu), which has had a vast impact in the academic community with more than three hundred users.

October 2008 – December 2009: Research work on micro datasets on Innovation and Industrial Dynamics within the FP6 European Research Network of Excellence DIME, at CESPRI, Bocconi University, Milan, Italy.

January 2005 – December 2007: Research work within an European DG Research Project on the Patentability of the Computer Implemented Inventions, at CESPRI, Bocconi University, Milan, Italy.

September 2004 – December 2006: Research work within the European Research Network of Excellence PRIME, at Scuola Superiore Sant'Anna, Pisa, Italy.

April 2004 – February 2005: Research affiliate in Economics and Management at Scuola Superiore Sant'Anna, Pisa, Italy.

June – November 2002: Business Developer and Strategy at Telecom Italia Labs, Turin, Italy.

TEACHING EXPERIENCE

Course on "Advanced Business and Management" at the University of Camerino, Camerino, academic year 2016-2017. Language: English. Level: Graduate.

Course on "Financial Management and Strategy" at the University of Camerino, Camerino, academic year 2016-2017. Language: English. Level: Graduate.

Course on "Business and Management of Information Technology" at the University of Camerino, Camerino, academic year 2016-2017. Language: Italian. Level: Undergraduate.

Course on "Advanced Business and Management" at the University of Camerino, Camerino, academic year 2015-2016. Language: English. Level: Graduate.

Course on "Financial Management and Strategy" at the University of Camerino, Camerino, academic year 2015-2016. Language: English. Level: Graduate.

Course on "Business and Management of Information Technology" at the University of Camerino, Camerino, academic year 2015-2016. Language: Italian. Level: Undergraduate.

Course on "Advanced Business and Management" at the University of Camerino, Camerino, academic year 2014-2015. Language: English. Level: Graduate.

Course on "Financial Management and Strategy" at the University of Camerino, Camerino, academic year 2014-2015. Language: English. Level: Graduate.

Course on "Business and Management of Information Technology" at the University of Camerino, Camerino, academic year 2014-2015. Language: Italian. Level: Undergraduate.

Course on "Economics and Management" at the University of Camerino, Camerino, academic year 2013-2014. Language: Italian. Level: Undergraduate.

Course on "Business Plan" at the University of Camerino, Camerino, academic year 2013-2014. Language: English. Level: Graduate.

Course on "Economics and Management" at the University of Camerino, Camerino, academic year 2012-2013. Language: Italian. Level: Undergraduate.

Course on "Financial Management and Business Strategy " at the University of Camerino, Camerino, academic year 2012-2013. Language: English. Level: Graduate.

Course on "Economics and Management" at the University of Camerino, Camerino, academic year 2011-2012. Language: Italian. Level: Undergraduate.

Course on "Financial Management and Business Strategy " at the University of Camerino, Camerino, academic year 2011-2012. Language: English. Level: Graduate.

Course on "Economics and Management" at the University of Camerino, Camerino, academic year 2010-2011. Language: Italian. Level: Undergraduate.

Course on "Financial Management and Business Strategy " at the University of Camerino, Camerino, academic year 2010-2011. Language: English. Level: Graduate.

Course on "Economics and Management" at the University of Camerino, Ascoli Piceno, academic year 2010-2011. Language: Italian. Level: Undergraduate.

Course on "Economics and Management" at the University of Camerino, Camerino, academic year 2009-2010. Language: Italian. Level: Undergraduate.

Course on "Business Strategy" at the University of Camerino, Camerino, academic year 2009-2010. Language: Italian. Level: Undergraduate.

Course on "Economics and Management" at the University of Camerino, Ascoli Piceno, academic year 2009-2010. Language: Italian. Level: Undergraduate.

Course on "Academic Entrepreneurship" at the University of Camerino, Camerino, academic year 2008-2009. Language: English. Level: Graduate.

Course on "Economics and Management" at the University of Camerino, Camerino, academic year 2008-2009. Language: Italian. Level: Undergraduate.

Course on "Business strategy" at the University of Camerino, Camerino, academic year 2008-2009. Language: Italian. Level: Undergraduate.

Course on "Economics and Management" at the University of Camerino, Ascoli Piceno, academic year 2008-2009. Language: Italian. Level: Undergraduate.

Course on "Academic Entrepreneurship" at the University of Camerino, Camerino, academic year 2007-2008. Language: English. Level: Graduate.

Course "Accounting and Management" at the Consorzio Universitario Piceno, Ascoli Piceno, academic year 2007-2008. Language: Italian. Level: Graduate.

Course on "Economics and Management" at the University of Camerino, Camerino, academic year 2007-2008. Language: Italian. Level: Undergraduate.

Course on "Business Strategy" at the University of Camerino, Camerino, academic year 2007-2008. Language: Italian. Level: Undergraduate.

Course on "Economics and Management" at the University of Camerino, Ascoli Piceno, academic year 2007-2008. Language: Italian. Level: Undergraduate.

Course on "Academic Entrepreneurship" at the University of Camerino, Camerino, academic year 2007-2008. Language: English. Level: Graduate.

Course on "Economics and Management" at the University of Camerino, Camerino, academic year 2006-2007. Language: Italian. Level: Undergraduate.

Course on "Business Strategy" at the University of Camerino, Camerino, academic year 2006-2007. Language: Italian. Level: Undergraduate.

Course on "Academic Entrepreneurship" at the Industrial Liason Office, University of Camerino, Camerino, academic year 2008-2007. Language: English. Level: Graduate.

Course on "Business Strategy" at the University of Camerino, Camerino, academic year 2005-2006. Language: Italian. Level: Undergraduate.

PEER REVIEWED PUBLICATIONS

[18] *Patent Management and Valuation: The Strategic and Geographical Dimension*, Routledge, July 2016, ISBN: 9781138926424.

[17] The Value of Patent and Trademark Pairs, *Academy of Management Proceedings*, 75: 12373, January 2015, ISSN: 2151-6561.

[16] Trademarks and the patent premium value: Evidence from medical and cosmetic products, *World Patent Information*, 41:23–30, June 2015, ISSN: 0172-2190.

[15] Cross-pollination in science and technology: The Emergence of the Nanobio Subfield (with Stine Grodal), *Annals of Economics and Statistics*, 115/116:57-80, December 2014, Special Issue on Knowledge Capital in Nanotechnology and Other High Tech Industries, ISSN: 0769-489X.

[14] Composite value index of patent indicators: factor analysis combining bibliographic and survey datasets, *World Patent Information*, 33:19-26, September 2014, ISSN: 0172-2190.

[13] Modelling credit risk for innovative firms: the role of innovation measures (with Chiara Pederzoli and Costanza Torricelli), *Journal of Financial Services Research*, 44(1):111-129, August 2013, ISSN: 1573-0735.

[12] Quality and value of Chinese patenting: an international perspective, *Seoul Journal of Economics*, 26(1):33-72, March 2013, Special Issue on Innovation and Economic Growth in the Changing Economic Landscape, ISSN: 1225-0279.

[11] Modelling credit risk for innovative firms: the role of innovation measures (with Chiara Pederzoli and Costanza Torricelli), Proceedings of the First IEEE International Technology Management Conference, June 27-30, 2011, San Jose (CA), USA, ISBN 978-1-61284-950-8.

[10] Harmonizing and combining large datasets – An application to firm-level patent and accounting data (with Salvatore Torrisci, Alfonso Gambardella, Dominique Guellec, Bronwyn H. Hall, and Dietmar Harhoff), NBER Working Paper No. 15851, March 2010, ISSN: 1073-2489.

[9] Financial patenting in Europe: A first look (with Bronwyn H. Hall and Salvatore Torrisci) *European Management Review*, 6(1):45-63, January 2009, ISSN: 1740-4754.

[8] Financial patenting in Europe (with Bronwyn H. Hall and Salvatore Torrisci), NBER Working Paper No. 14714, February 2009, ISSN: 1073-2489.

[7] Striving for a large market: evidence from a general purpose technology in action, *Industrial and Corporate Change* 18(1):107-138, January 2009, ISSN: 0960-6491. (This paper has been part of the PhD dissertation).

[6] The market value of patents and R&D: evidence from European firms (with Bronwyn H. Hall and Salvatore Torrisci), NBER Working Paper No. 13426, August 2007, ISSN 1073-2489. (A summary of this paper has appeared also as VOX EU Column, December

2007)

[5] The market value of patents, software patents and R&D: evidence from European firms (with Bronwyn H. Hall and Salvatore Torrìsi), *Academy of Management Best Paper Proceedings*, December 2006, ISSN: 1543-8643. (This paper has been part of the PhD dissertation).

[4] Institutional complementarity and inventive performance in nanotechnology (with Andrea Bonaccorsi), *Research Policy*, 36(6):813-831, July 2007, Special Issue on Emerging Nanotechnologies, ISSN: 0048-7333. (This paper has been part of the PhD dissertation).

[3] Competitive strategies in the adoption of general purpose technologies (in Italian) *Finanza, Marketing e Produzione*, 2:91-108, June 2005, ISSN: 1593-2230.

[2] The Albanian economy during World War II (with Paolo Caselli), *The Journal of European Economic History*, 1:93-119, 2005 ISSN: 0391-5115.

[1] The Albanian economic history 1912-50 (in Italian with Paolo Caselli), *Rivista di Storia Economica*, 1/2003,67-107, ISSN: 0393-3415.

OTHER PAPERS AND WORK IN PROGRESS

Consolidating firm portfolios of patents across different offices. A comparison of sectoral distribution of patenting activities in Europe and Japan (with Kazuyuki Motohashi and Jun Suzuki), IAM Discussion Paper Series #019/2010, Intellectual Asset-Based Management, University of Tokyo, December 2010.

Do university patents have an impact on the local innovative activities? Evidence from a large panel of regions from the OECD countries, (with Dominique Guellec) paper presented at the 3rd Conference on Patent Statistics for Decision Makers, Vienna, Austria, October 7-8th, 2009.

Innovation and internationalization (in Italian); Ed. E. Pavolini e M. Sargolini, "Economia, società e istituzioni fra processi globali e sviluppo locale. Uno studio nella provincia di Macerata", Franco Angeli, Milano, 2009, ISBN: 9788856810905.

Policy recommendations on software patenting (with Reinier Bakels, Bronwyn H. Hall, Rishab Ghosh, and Salvatore Torrìsi), Report published by the EU Commission as part of "Study of the Effects of Allowing Patent Claims for Computer Implemented Inventions", June 2008.

Creating powerful indicators for innovation studies with approximate matching algorithms. A test based on PATSTAT and Amadeus databases (with Salvatore Torrìsi), CESPRI Working Paper, December 2007.

The evolution of software industry in Europe (with Salvatore Torrìsi), report published by the EU Commission as part of "Study of the Effects of Allowing Patent Claims for Computer Implemented Inventions", January 2007.

Innovation and localization (in Italian with Andrea Bonaccorsi) in Pools of Competence and

Clusters in Europe, Ed. A. Bonaccorsi e F. Nesci Franco Angeli, Milan, 2005, ISBN: 9788846477781.

PROFESSIONAL REVIEW ACTIVITY

Finanza, Marketing, e Produzione; IEEE Transactions on Engineering Management; Il Giornale degli Economisti; Industrial and Corporate Change; Industry and Innovation; International Journal of Technology Management; Journal of Business Research; Managerial and Decision Economics; Research Policy; Science and Public Policy; Seoul Journal of Economics; Strategic Management Journal; World Patent Information.

LANGUAGES

Albanian [Fluent]; French [Working Proficiency]; English [Fluent]; Italian [Fluent].

TECHNICAL SKILLS

C/C++; Lisp; LonWorks; Matlab; SPSS; SQL; Stata/Mata; TSP.

CONFERENCES, WORKSHOPS, AND INVITED SEMINAR PRESENTATIONS

September 2016: *European Policy for Intellectual Property* Annual Conference, Oxford, UK.

August 2015: Annual Conference of the *Academy of Management*, Vancouver (BC), Canada.

November 2014: Annual conference of Sinergie Italian Journal of Management (CUIEM), Cassino, Italy.

September 2014: *European Policy for Intellectual Property* Annual Conference, Brussels, Belgium.

March 2014: *Strategic Management Society* Special Conference, Tel Aviv, Israel.

November 2013: *Patent Statistics for Decision Makers* Annual Conference, Instituto Nacional de Propriedade Industrial, Rio de Janeiro, Brazil.

October 2013: Central Bank of Albania, Tirana, Albania.

October 2013: Mediterranean University of Albania, Tirana, Albania.

- July 2013: Organization for Economic Cooperation and Development, Paris, France.
- June 2013: Summerschool "Economics and Management of Intellectual Property Rights", Alma Graduate School, University of Bologna, Bologna, Italy.
- March 2013: School of Economics and Management, Sino-European Center for Innovation and Internationalization, Beihang University, Beijing, P.R. China.
- November 2012: *Patent Statistics for Decision Makers* Annual Conference (pre-meeting), OECD, Paris.
- October 2012: *Asian Pacific Innovation Network* Annual Conference, *Seoul National University*, Seoul, Republic of Korea.
- September 2012: *European Policy for Intellectual Property* Annual Conference, Leuven, Belgium.
- March, 2012: Department of Management and Finance, University of Bologna, Bologna, Italy.
- March, 2012: *Management and Economics of ICT* Annual Conference, Ludvig-Maximilian Universität, Munich, Germany.
- November 2011: National Bureau of Economic Research, Cambridge (MA), USA.
- November 2011: Haas School of Business, University of California, Berkeley (CA), USA.
- October 2011: Workshop on Innovation and Patent Harmonization, Sponsored by the Kauffman Foundation, Boston University School of Law and Research on Innovation, Boston (MA), USA.
- September 2011: *European Policy for Intellectual Property* Annual Conference, Brussels, Belgium.
- September 2011: *European Science Foundation* WorkShop on Academic Patenting, Universite Libre de Bruxelles, Brussels, Belgium.
- July 2011: *International Finance and Banking Society* Annual Conference, Rome, Italy.
- June 2011: Conference on "The Output of R&D activities: Harnessing the Power of Patents Data", *Institute for Prospective Technological Studies*, Seville, Spain.
- June 2011: Workshop on the "Future of Patent Data" organized by the *US Patent and Trademark Office/National Science Foundation*, Washington (DC), USA.
- June 2011: Annual Conference of the *International Risk Management Society*, VU University, Amsterdam, The Netherlands.
- May 2011: Economics of Innovation and Patenting Biannual Conference, *Zentrum für Europäische Wirtschaftsforschung*, Mannheim, Germany.
- April 2011: Polytechnic University of Marche, Ancona, Italy.

December 2010: Harvard Business School, Cambridge (MA), USA.

December 2010: National Bureau of Economic Research, Cambridge (MA), USA.

November 2010: *Technology Transfer Society (T2S) Annual Conference*, The George Washington University, Washington (DC), USA.

November 2010: *Patent Statistics for Decision Makers Annual Conference*, European Patent Office, Vienna, Austria.

October 2010: Annual conference of Sinergie Italian Journal of Management (CUIEM), Salerno, Italy.

September 2010: *European Policy for Intellectual Property Annual Conference*, Maastricht, The Netherlands.

September 2010: Annual Conference of the *Strategic Management Society*, Rome, Italy.

August 2010: Annual Conference of the *Academy of Management*, Montreal (QC), Canada.

June 2010: National Graduate Institute for Policy Studies, Tokyo, Japan.

May 2010: Graduate School of Engineering, Tokyo University, Tokyo, Japan.

April 2010: School of Management, Ludvig-Maximilian Universität, Munich, Germany.

April 2010: IP Finance Institute, Polytechnic University of Turin, Turin, Italy.

March 2010: Economics Department, University of Modena and Reggio Emilia, Modena, Italy.

October 2009: *Patent Statistics for Decision Makers Annual Conference*, European Patent Office, Vienna, Austria.

September 2009: *European Policy for Intellectual Property Annual Conference*, Bologna, Italy.

August 2009: Annual Conference of the *Academy of Management*, Chicago (IL), USA.

Giugno 2009: *Advancing the study of innovation and entrepreneurship*, Annual Conference della Kauffman Foundation, Kansas City, MO, USA.

May 2009: Conference on "Advancing the Study of Innovation and Globalization in Organizations", *The Research Data Centre*, Nuremberg, Germany.

May 2009: Conference on "The Output of R&D activities: Harnessing the Power of Patents Data", *Institute for Prospective Technological Studies*, Seville, Spain.

January 2009: School of Management, Ludvig-Maximilian Universität, Munich, Germany.

November 2008: Annual conference of Sinergie Italian Journal of Management (CUIEM),

Trento, Italy.

October 2008: "Innovation and Intellectual Property in Financial Services", 9th *Bank of Finland/CEPR Annual Conference* co-organized with the *Federal Reserve Bank of Philadelphia*, Helsinki, Finland.

September 2008: *Patent Statistics for Decision Makers Annual Conference*, European Patent Office, Vienna, Austria.

August 2008: Annual Conference of the *Academy of Management*, Anaheim (CA), USA.

June 2008: Doctorate School, University of Camerino, Camerino, Italy.

June 2008: Invited presentation for the Best Dissertation Award at the *DRUID annual conference*, Copenhagen, Denmark.

June 2008: Economics of Innovation and Patenting Conference, *Zentrum für Europäische Wirtschaftsforschung*, Mannheim, Germany.

June 2008: Seminar held at the Summerschool "Economics and Management of Intellectual Property Rights", Alma Graduate School, University of Bologna, Bologna, Italy.

May 2008: NANOBANK Conference, National Bureau of Economic Research, Cambridge (MA), USA.

May 2008: Conference on the "Emerging Industries: Nanotechnology and NanoIndicators", National Bureau of Economic Research, Cambridge (MA), USA.

April 2008: Organization for Economic Cooperation and Development, Paris, France.

October 2007: *Patent Statistics for Decision Makers Annual Conference*, Venice International University, San Servolo, Venice, Italy.

September 2007: School of Management, Ludvig-Maximilian Universität, Munich, Germany.

September 2007: Organization for Economic Cooperation and Development, Paris, France.

September 2007: *European Policy for Intellectual Property Annual Conference*, Lund, Sweden.

August 2007: Annual Conference of the *Academy of Management*, Philadelphia (PA), USA.

June 2007: Conference on the Economics of Technological Policy, Monteverità, Ascona, Switzerland.

June 2007: Annual Conference of the *Association of the Applied Econometrics*, Strasburg, France.

May 2007: Doctorate School, University of Camerino, Camerino, Italy.

May 2007: Organization for Economic Cooperation and Development, Paris, France.

May 2007: World International Patent Organization, Geneva, Switzerland.

January 2007: *PRIME Network of Excellence* Annual Conference, Pisa, Italy.

December, 2006: National Bureau of Economic Research, Boston (MA), USA.

October 2006: Doctorate School, University di Camerino, Camerino, Italy.

October 2006: CESPRI, University "L. Bocconi", Milan, Italy.

June 2006: DRUID annual conference, Copenhagen, Denmark.

April 2006: Dipartimento dei Sistemi Elettrici e Automazione, University of Pisa, Pisa, Italy.

February 2006: CESPRI, University "L. Bocconi", Milan, Italy.

February 2006: *PRIME Network of Excellence* Annual Conference, Paris, France.

January 2006: DRUID annual conference for young researchers, Aalborg, Denmark.

June 2005: DRUID annual conference, Copenhagen, Denmark.

April 2005: University of Stanford, Department of Sociology, Palo Alto, CA, USA.

January 2005: *PRIME Network of Excellence* Annual Conference, Manchester, UK.

November 2004: Department of Management, University "L. Bocconi", Milan, Italy.

October 2004: Laboratory of Economics e Management, Scuola Superiore Sant'Anna, Pisa, Italy.

October 2004: ITT, Centro Nazionale delle Ricerche, Pisa, Italy.

August 2004: ESSID, Summerschool on Industrial Dynamics, Corsica, France.

June 2004: Summerschool on Business Administration, *IRI Foundation*, San Miniato, Pisa, Italy.

January 2004: Winterschool on Experimental and Computational Economics, University of Trento, Trento, Italy.

November 2003: Master on Innovation Management, Scuola Superiore Sant'Anna, Pisa, Italy.

September 2003: Summerschool on Economics and Management of Credit Networks and Economic Development, Venice International University, San Servolo, Venice, Italy.

April 2003: Department of Cognitive Sciences, University of Modena and Reggio Emilia, Modena, Italy.

February 2003: CESPRI, University "L. Bocconi", Milan, Italy.

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