

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 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.

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

November 2011 – October 2017: Rector Delegate on Intellectual Property Management, Industrial Liason Office, University of Camerino, Camerino (MC), Italy.

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/KITES, "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.

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 (NBER).

January – February 2008 and April 2009: Visiting Professor at InnoTech, School of Management, Ludwig-Maximilians-Universität, Munich, Germany.

October 2008 – December 2009: Research work on micro datasets on innovation and industrial dynamics within the FP6 European Research Network of Excellence DIME, at KITES, Bocconi University, Milan, Italy.

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

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

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

PROFESSIONAL REVIEW ACTIVITY

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

TEACHING EXPERIENCE

Course on "Financial Management and Strategy" at the University of Camerino, Camerino, academic year 2010–2023. Language: English. Level: Graduate.

Course on "Business and Management of Information Technology" at the University of Camerino, Camerino, academic year 2014–2023. Language: Italian. Level: Undergraduate.

Course on "Advanced Business and Management" at the University of Camerino, Camerino, academic year 2014–2017. Language: English. Level: Graduate.

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

Course on "Project Management" at the University of Camerino, Camerino, academic year 2011–2014. Language: Italian. Level: Undergraduate.

Course on "Project Work" at the University of Camerino, Camerino, academic year 2010–2011. Language: Italian. Level: Undergraduate.

Course on "Economics and Management" at the University of Camerino, Ascoli Piceno, academic year 2007–2011. Language: Italian. Level: Undergraduate.

Course on "Economics and Management" at the University of Camerino, Camerino, academic year 2006–2010. Language: Italian. Level: Undergraduate.

Course on "Business Strategy" at the University of Camerino, Camerino, academic year 2005–2010. Language: Italian. Level: Undergraduate.

BOOK

Patent Management and Valuation: The Strategic and Geographical Dimension, Routledge, July 2016, ISBN: 9781138926424. Paperback edition issued in 2018.

PEER REVIEWED ARTICLES

[21] Market valuation of international patenting using a real option approach: the moderating role of uncertainty. *Economics of Innovation and New Technology*, forthcoming, ISSN: 1043-8599.

[20] Patents as real options: a sensitivity analysis of option valuation using the binomial model. *Quarterly Journal of Finance*, 2023, <https://doi.org/10.1142/S2010139223400050>, ISSN: 2010-1392.

[19] Composite value index of trademark indicators: A market value analysis using Tobin's Q. *World Patent Information*, 66:102064, September 2021, ISSN: 0172–2190.

[18] The valuation of patent real options — An analysis using patent- and firm-level

datasets, 12922. *Academy of Management Best Paper Proceedings*, August 2019, ISSN: 2151–6561.

[17] The valuation of patent-trademark pairing as IP strategy: Evidence from the USPTO, *Industry and Innovation*, 27(1–2):80–104, February 2020, Special Issue on Trademarks and their Role in Innovation, Entrepreneurship and Industrial Organization, ISSN: 1366–2716.

[16] Composite value index of trademark indicators, *World Patent Information*, 56:64–75, March 2019, ISSN: 0172–2190.

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

[14] Cross-pollination in science and technology: concept mobility in the nanobiotechnology field (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.

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

[12] 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.

[11] 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.

[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 (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.

[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 was published also as VOX EU Column, December 2007)

[5] The market value of patents and R&D: Evidence from European firms (with Bronwyn H. Hall and Salvatore Torrisci), *Academy of Management Best Paper Proceedings*,

December 2006, ISSN: 1543–8643.

[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.

[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 1912–1950 (in Italian with Paolo Caselli), *Rivista di Storia Economica*, 1/2003,67–107, ISSN: 0393–3415.

CONFERENCES, WORKSHOPS, AND INVITED SPEAKER SEMINARS

September 2023: UK IPO research seminar series, London, UK.

September 2023: EPIP annual conference, Krakov, Poland.

July 2023: IRMC annual conference, Florence, Italy.

June 2023: DRUID annual conference, Lisbon, Portugal.

November 2022: ZEW biannual conference on the Economics of Innovation and Patenting, Mannheim, Germany.

September 2022: EPIP annual conference, Cambridge, UK.

July 2022: IRMC annual conference, Bari, Italy.

October 2021: IRMC annual conference, Cagliari, Italy.

September 2021: EPIP annual conference, Madrid, Spain.

August 2021: AOM annual conference, virtual event.

May 2021: Invited speaker seminar at Polytechnic University of Marche, virtual event.

August 2019: AOM annual conference, Boston (MA), USA.

October 2018: IPSDM annual conference, Alicante, Spain.

November 2017: Italian STATA User Group Meeting, Florence, Italy.

August 2017: AOM annual conference, Atlanta (GA), USA.

September 2016: EPIP annual conference, Oxford, UK.

August 2015: AOM annual conference, Vancouver (BC), Canada.

- November 2014: Sinergie (CUIEM) annual conference, Cassino, Italy.
- September 2014: EPIP annual conference, Brussels, Belgium.
- March 2014: SMS special conference, Tel Aviv, Israel.
- November 2013: PSDM annual conference, Rio de Janeiro, Brazil.
- October 2013: Invited speaker seminar at Central Bank of Albania, Tirana, Albania.
- October 2013: Invited speaker seminar at Mediterranean University of Albania, Tirana, Albania.
- July 2013: Invited speaker seminar at OECD, Paris, France.
- June 2013: Invited speaker at summerschool on the Economics and Management of Intellectual Property Rights, Alma Graduate School, University of Bologna, Bologna, Italy.
- March 2013: Invited speaker seminar at School of Economics and Management, Beihang University, Beijing, P.R. China.
- November 2012: PSDM annual conference (pre-meeting), Paris, France.
- October 2012: APIC annual conference, Seoul, Republic of Korea.
- September 2012: EPIP annual conference, Leuven, Belgium.
- March 2012: Invited speaker seminar at Department of Management and Finance, University of Bologna, Bologna, Italy.
- March 2012: Management and Economics of ICTs annual conference, Munich, Germany.
- November 2011: Invited speaker seminar at NBER, Cambridge (MA), USA.
- November 2011: Invited speaker seminar at Haas School of Business, University of California, Berkeley (CA), USA.
- October 2011: Workshop on Innovation and Patent Harmonization, Boston University School of Law, Boston (MA), USA.
- September 2011: EPIP annual conference, Brussels, Belgium.
- September 2011: ESF workshop on Academic Patenting, Universite Libre de Bruxelles, Brussels, Belgium.
- July 2011: IFABS annual conference, Rome, Italy.
- June 2011: IPTS annual conference on "The Output of R&D activities: Harnessing the Power of Patent Data", Seville, Spain.
- June 2011: USPTO/NSF workshop on the "Future of Patent Data", Washington (DC), USA.

- June 2011: IRMC annual conference, Amsterdam, The Netherlands.
- May 2011: ZEW biannual conference on the Economics of Innovation and Patenting, Mannheim, Germany.
- April 2011: Invited speaker seminar at Polytechnic University of Marche, Ancona, Italy.
- December 2010: Invited speaker seminar at Harvard Business School, Cambridge (MA), USA.
- December 2010: Invited speaker seminar at NBER, Cambridge (MA), USA.
- November 2010: T2S annual conference, Washington (DC), USA.
- November 2010: PSDM annual conference, EPO, Vienna, Austria.
- October 2010: Sinergie (CUIEM) annual conference, Salerno, Italy.
- September 2010: EPIP annual conference, Maastricht, The Netherlands.
- September 2010: SMS annual conference, Rome, Italy.
- August 2010: AOM annual conference, Montreal (QC), Canada.
- June 2010: Invited speaker seminar at GRIPS, Tokyo, Japan.
- May 2010: Invited speaker seminar at Graduate School of Engineering, Tokyo University, Tokyo, Japan.
- April 2010: Invited speaker seminar at School of Management, Ludvig-Maximilian Universität, Munich, Germany.
- April 2010: Invited speaker seminar at IP Finance Institute, Polytechnic University of Turin, Turin, Italy.
- March 2010: Invited speaker seminar at Economics Department, University of Modena and Reggio Emilia, Modena, Italy.
- October 2009: PSDM annual conference, EPO, Vienna, Austria.
- September 2009: EPIP annual conference, Bologna, Italy.
- August 2009: AOM annual conference, Chicago (IL), USA.
- June 2009: Kauffman Foundation annual conference on "Advancing the study of Innovation and Entrepreneurship", 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: IPTS annual conference on "The Output of R&D activities: Harnessing the Power of Patents Data", Seville, Spain.
- January 2009: Invited speaker seminar at School of Management, Ludvig-Maximilian

Universität, Munich, Germany.

November 2008: Sinergie (CUIEM) annual conference, Trento, Italy.

October 2008: Bank of Finland annual conference co-organized with the CEPR and the FED of Philadelphia, Helsinki, Finland.

September 2008: PSDM annual conference, EPO, Vienna, Austria.

August 2008: AOM annual conference, Anaheim (CA), USA.

June 2008: Invited speaker seminar at the Graduate School of the University of Camerino, Camerino, Italy.

June 2008: DRUID annual conference, Copenhagen, Denmark.

June 2008: ZEW biannual conference on the Economics of Innovation and Patenting, Mannheim, Germany.

June 2008: Invited speaker at the summerschool on Economics and Management of Intellectual Property Rights, Alma Graduate School, University of Bologna, Bologna, Italy.

May 2008: NANOBANK Conference, NBER, Cambridge (MA), USA.

May 2008: Conference on the "Emerging Industries: Nanotechnology and Nanoindicators", NBER, Cambridge (MA), USA.

April 2008: Invited speaker seminar at OECD, Paris, France.

October 2007: PSDM annual conference, San Servolo, Venice, Italy.

September 2007: Invited speaker seminar at School of Management, Ludwig-Maximilian Universität, Munich, Germany.

September 2007: Invited speaker seminar at OECD, Paris, France.

September 2007: EPIP annual conference, Lund, Sweden.

August 2007: AOM annual conference, Philadelphia (PA), USA.

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

June 2007: AEA annual conference, Strasburg, France.

May 2007: Invited speaker seminar at Graduate School, University of Camerino, Camerino, Italy.

May 2007: Invited speaker seminar at OECD, Paris, France.

May 2007: Invited speaker seminar at WIPO, Geneva, Switzerland.

January 2007: PRIME Network of Excellence annual conference, Pisa, Italy.

December 2006: Invited speaker seminar at NBER, Cambridge (MA), USA.

October 2006: Invited speaker seminar at Graduate School, University di Camerino, Camerino, Italy.

October 2006: Invited speaker seminar at KITES, University "L. Bocconi", Milan, Italy.

June 2006: DRUID annual conference, Copenhagen, Denmark.

April 2006: Invited speaker seminar at Dipartimento dei Sistemi Elettrici e Automazione, University of Pisa, Pisa, Italy.

February 2006: Invited speaker seminar at KITES, 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: Invited speaker seminar at Department of Sociology, University of Stanford, Palo Alto (CA), USA.

January 2005: PRIME Network of Excellence annual conference, Manchester, UK.

November 2004: Invited speaker seminar at Department of Management, University "L. Bocconi", Milan, Italy.

October 2004: Invited speaker seminar at Laboratory of Economics and Management, Scuola Superiore Sant'Anna, Pisa, Italy.

October 2004: Invited speaker seminar at ITT, Centro Nazionale delle Ricerche, Pisa, Italy.