
Giuseppe Alesii

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Personal Data

Born in L'Aquila on the 21st of July 1964

Education

- High School Degree: Grammar School, final grade 54/60, Liceo Classico Domenico Cotugno, L'Aquila, 1982/1983
- Master of Science Degree: Major in Business and Economics, Laurea in Economia e Commercio, final grade 110/110, honors and final written dissertation publication, Faculty of Economics and Business, LUISS, Roma, 1987/1988
- Master in Business Administration, Stern School of Business, New York University, New York, USA, 1992-1994

Further Courses

- July – August 1990 International Teachers Program, ITP, Aix en Provence, Francia, Teaching abilities course
- July – August 1991 Swan School of English, Oxford, UK, TOEFL preparation

Teaching Experience (a.a. Academic year)

- a.a. 1988/1989 – a.a. 1992/1993 teaching and research assistant chair of Industrial Economics and Policy, Prof. **Carlo Scognamiglio**, LUISS, Faculty of Economics and Business.
- a.a. 1993/1994 teaching and research assistant chair of Corporate Finance, Prof. **Giorgio Tagi**, LUISS, Faculty of Economics and Business
- a.a. 1994/1995 – a.a. 1998/1999 teaching and research assistant chair of Business Economics, Prof. **Franco Fontana**, LUISS, Faculty of Economics and Business
- a.a. 1995/1996 teaching and research assistant chair of Corporate Finance, Prof. **Mario Comana**, LUISS, Faculty of Economics and Business,
- a.a. 1996/1997 – a.a.2001-2002 teaching and research assistant chair of Corporate Finance, Prof. **Sandro Sandri**, LUISS, Faculty of Economics and Business,
- a.a. 1998/1999 – a.a.2004-2005 Tenured assistant professor, Course of Corporate Finance, Degree of Economics and Business, Faculty of Economics, Università degli Studi dell'Aquila
- a.a. 2001/2002 – a.a.2006-2007 Teaching Seminar in Real Options within the Master in Banca e

- Finanza, Università degli Studi La Sapienza, Faculty of Statistics, Roma
- a.a. 2005/2006 – a.a.2006-2007 Non tenured associate professor courses in Corporate Finance 1 and 2, Università degli Studi dell'Aquila, Faculty of Economics and Business
- a.a. 2007/2008 – a.a.2008-2009 Non tenured associate professor courses in Models and Algorithms for Corporate Finance 1 and 2, Università degli Studi dell'Aquila, Faculty of Mathematics, Physics and Natural Sciences
- a.a. 2009/2010 – to date Tenured associate professor courses in Models and Algorithms for Corporate Finance 1 and 2, Università degli Studi dell'Aquila, Faculty of Mathematics, Physics and Natural Sciences
- Summer 2014 Project Math as code of modernity University of Silesia (Poland), Dept. of Math. Physics and Chemistry, Internship Program for 20 students, Intensive Program in Computational Finance, 30 hours seminar.

Research Activity

- autumn 1988 – autumn 1989 LUISS annual grant for the Chair of Industrial Economics, Prof. **Carlo Scognamiglio**, LUISS, Faculty of Economics and Business
- autumn 1989 – spring 1990 ANDIL Survey 1990 (Association of Italian Bricks and Tiles Industries), Co-author with Proff. **Carlo Scognamiglio** and **Sandro Frova**
- autumn 1989– autumn 1994 Associazione Amici della LUISS 3+ 2 years grant with study abroad financing provision
- autumn 1989 – spring 1990 Confindustria Research Center, research assistant of the Director Dr. **Stefano Micossi**, for a survey about Japanese Direct Investments in Europe.
- spring 1989– estate 1990 GRIF (Gruppo di Ricerche Industriali e Finanziarie), Director Prof. **Franco Alfredo Grassini**: Infrastructure Financing Research Project financed by Confindustria
- winter 1999– winter 2001 MIUR 40%, research project Models of Mathematical Finance, lead director Prof. **Massimo De Felice**, local director for the group at Università dell'Aquila, Dipartimento di Sistemi ed Istituzioni per l'economia
- winter 2001– winter 2003 MIUR 40%, research project Capital Markets and Corporate Finance: The influence on Value Creation of Non Recurrent Financial Operations lead director Prof. **Maurizio Murgia**, local director for the group at Università dell'Aquila, Dipartimento di Sistemi ed Istituzioni per l'economia
- 2008-2009 Standard HPC Grant 2009, Monte Carlo Methods for General Switching American Real Options, 16000 SPTE assigned.
- 2009-2010 Standard HPC Grant 2010, A numerical assessment of convergence properties of least squares monte carlo for the kulatilaka trigeorgis general real options pricing model, 16000 SPTE assigned.
- 2010-2012 Together with Professor Nicola Guglielmi, Dept. of Math. Università dell'Aquila, winner of a 24000 Euro Grant from Fondazione Carispaq

for setting up a small HPC centre based GPUs.

2013 PRACE Preparatory Access – 13th cut-off evaluation in June 2013, reference <http://www.prace-ri.eu/preparatory-access-13/> Project name: PaMuLa ACC Prep, Parallel Multivariate Lattices, 200.000 CPU hours awarded on Pierre et Marie Curie Fat Nodes

Career Progression

- autumn 1994 – autumn 2005 assistant professor (ricercatore) of Corporate finance s.s.d.: SECS P09, Università dell'Aquila, Facoltà di Economia, Dipartimento di Sistemi ed Istituzioni per l'economia., Roio Poggio, L'Aquila
- March 2004 associate professor (professore associato) *abilitation*, taken in a public comparative selection with two *abilitation* winners at the Faculty of Banking and Finance and Insurance, Università Cattolica del Sacro Cuore, Milano
- autumn 2005 – autumn 2006 non tenured associate professor of Corporate Finance, s.s.d.: SECS P09 Università dell'Aquila, Facoltà di Economia, Dipartimento di Metodi ed Istituzioni per l'economia. Roio Poggio, L'Aquila
- autumn 2006– spring 2009 non tenured associate professor, of Corporate Finance, s.s.d.: SECS P09 Università dell'Aquila, Facoltà di Scienze Matematiche, Fisiche e Naturali, Dipartimento di Matematica Pura ed Applicata. Coppito di L'Aquila, L'Aquila
- June 2009 tenured associate professor

International Academic Meetings Participation

- 1) European Finance Association (EFA) meeting
 - 1995, Milano,
 - 1996, Oslo,
 - 1997, Vienna,
 - 1998, Fontainebleu;
 - 2000, Londra (*discussant*),
 - 2001, Barcellona,
 - 2002, Berlino (*discussant*),
 - 2003, Glasgow,
 - 2004, Maastrich,
 - 2005, Mosca (*discussant*);
 - 2006, Zurigo,
 - 2007, Lubiana,
 - 2008, Atene,
 - 2009, Bergen, Norvegia,
 - 2010, Frankfurt am Main.
- 2) *Western Finance Association (WFA) meeting*
 - 1995, Aspen Colorado, Usa,
 - 1997, San Diego, California, Usa,
 - 1998, Monterey, California, Usa;
- 3) *Euro Working Group on Financial Modelling meeting:*
 - 1995, Bergamo,
 - 2001, Haarlem (NL) (*discussant, presenting author*),
 - 2007, Rotterdam
 - 2008, Londra, (*discussant, presenting author*)
- 4) European Financial Management Association (EFMA),

- 2001, Lugano (CH) (*discussant, presenting author*),
 - 2004, Basel (CH) (*discussant, presenting author, chairman*),
 - 2005, Milano (*presenting author*)
 - 2009, Milano (*presenting author*)
- 5) Financial Management Association:
 - 2005, Chicago (*presenting author*)
 - 2005, Siena (*presenting author*)
 - 6) Association Francaise de Finance (AFFI):
 - 2001, Namur (BE) (*discussant, presenting author*),
 - 7) Deutsche Gesellschaft für Finanzwirtschaft (DGF), German Finance Association:
 - 2003, Mainz (Magonza) (*presenting author*),
 - 8) Real Options Group (ROG),
 - 2002, Paphos, Cipro, (*presenting author*)
 - 2003, Washington D.C. (USA), (*presenting author*).
 - 2004, Montreal (*presenting author*)
 - 2005, Parigi
 - 2006, Columbia University, New York
 - 2007, Berkeley, California
 - 2008, Rio de Janeiro
 - 2009, Minho, Portogallo, Santiago di Compostela, Spagna (*presenting author*),
 - 2010, Rome.
 - 2011, Turku (FI)
 - 9) EIASM seminars:
 - Workshop on Dynamic Strategies in Asset Allocation and Risk Management, September 2003, (*presenting author*),.
 - 10) WORKSHOP DI FINANZA QUANTITATIVA,
 - 2005, IV edizione Milano Bocconi (*presenting author*)
 - 11) International Conference on High Performance Computing & Simulation (HPCS 2014) July 21 – 25, 2014 • Bologna, Italy (presenting author)

Invited Seminars and Presentations

- 1) Incontri di finanza aziendale at Università L. Bocconi, Milano:
 - a) june 2000, paper presented Holding Companies Discounts: Some Evidence from the Milan Stock Exchange
 - b) november 2001, paper presented Kulatilaka '88 as a CVP Analysis in a Real Options Framework: review, Gauss Codes and Numerical Examples
 - c) november 2003, paper presented L'Efficienza Fondamentale del Mercato Azionario: Alcune Verifiche Empiriche di Lungo Periodo
- 2) Seminari del Giardino Giusti, Università di Verona
 - a) may 2001, paper presented A General Numerical Approach to Real Option Valuation: Some Application of Nalin Kulatilaka GROPM
- 3) Seminari della Facoltà di Economia dell'Università della Svizzera Italiana
 - a) november 2003, paper presented VaR in Real Options Analysis:
 - b) October 2010, paper presented Assessing LSMC for the Kulatilaka Trigeorgis Real Options Pricing Model.
- 4) Finance Seminar at the University of Zurich, NCCR FINRISK:
 - a) november 2004, paper presented VaR in Real Options Analysis
- 5) 'Giornata di Matematica e Finanza' presso il Dipartimento di Matematica e Informatica dell'Università di Camerino: may 2005, paper presented A General Numerical Approach to Real Option Valuation: Some Application of Nalin Kulatilaka GROPM
- 6) january 2009, Seminar Series of the Dept. Of Department of Public and Business Administration, University of Cyprus, Nicosia. Invited by Prof. Lenos Trigeorgis, paper presented Assessing

Least Squares Monte Carlo for the Kulatilaka Trigeorgis General Real Options Pricing Model

- 7) March 2010, Seminar Series of the Dept. Of Economic Policy, University of Modena and Reggio Emilia, Invited by Prof. Andrea Cipollini, paper presented Assessing Least Squares Monte Carlo for the Kulatilaka Trigeorgis General Real Options Pricing Model

Referee Activity

1. Review of Financial Economics;
2. International Journal of Business and Economics;
3. Editors C. Gatu, M. Gilli and E.J. Kontoghiorghes, Advances in Computational Economics, Finance and Management Science, Book Series in Computational Management Science, Kluwer Academic Publisher
4. Editor Kevin Cullinane, Shipping Economics vol 12 Book Series Research in Transportation Economics, Elsevier

Beta Testing

1. PcTeX 4.20 per Windows 98;
2. Gauss 7.0 per Mac OS X 10.4;

Main Publications

1. **Giuseppe Alesii** Le forme di finanziamento delle infrastrutture e le possibili formule di coinvolgimento del capitale privato: esperienze italiane ed estere sta in Sabino Cassese e Franco A. Grassini L'ammodernamento delle grandi reti: risorse, strumenti e procedure "Progetto Infrastrutture", Roma, Editore SIPI, 1990;
2. Carlo Scognamiglio, Alessandro Frova, **Giuseppe Alesii** Struttura, tendenze e problemi del settore dei laterizi in Italia ed in Europa sta in ANDIL-Assolaterizi Atti del Convegno L'industria dei laterizi verso il 2000 - Come gestire il cambiamento, Roma, 1990;
3. **Giuseppe Alesii** L'LBO negli USA in un'analisi dei rapporti tra capitale industriale e capitale finanziario sta in AAVV Raccolta di studi in onore del Prof. Carlo Masini, vol.2, Milano, EGEA, 1991;
4. **Giuseppe Alesii**, Permanent and Temporary Components of Stock Prices: Some Evidence from the Milan Stock Exchange 1945 - 1992 Spring 1992, Stern School of Business NYU, Prof. C. P. Himmelberg Course in Econometrics III._
5. **Giuseppe Alesii**, Corporate Governance and Privatization, Spring 1993, GSAS NYU, Prof. Jonas Praeger Seminar on Privatization.
6. **Giuseppe Alesii**, Spectral Analysis of Stock Prices: Some Evidence from the Milan Stock Exchange, Spring 1993, GSAS NYU, Prof. J.B. Ramsey Seminar in Advanced Topics in Econometrics
7. **Giuseppe Alesii**, Some Comments on Gaskins's Dynamic Limit Pricing Model: Cases, Examples and a Partial New Specification, Spring 1993, Stern School of Business NYU, Prof. N. Economides Seminar in Advanced Topic in Micro-economics._
8. **Giuseppe Alesii**, Are Dividend yields a Good Predictor of Stock Returns at Various Horizons? A Replication and Critique of R. Hodrick "Dividend Yields and Expected Stock Returns: Alternative Procedures for Inference and Measurement" Review of Financial Studies 1992, vol 5, n.3, pag. 357-386 Fall 1993, Stern School of Business NYU, Prof. M. Evans Course in Econometrics II.
9. **Giuseppe Alesii**, Some Observations about Modes of Resolution of Insolvency in Different Institutional Frames, Fall 1994, Stern School of Business NYU, Professor Marti G. Subrahmanyam and Professor Vicente Madrigal Seminar in Corporate Finance
10. **Giuseppe Alesii** Introduzione alla valutazione delle attività rischiose UTET, Cap. II, pag.142, november 1997
11. **Giuseppe Alesii** Eserciziario di Finanza Aziendale: Esoneri Scritti del corso di Finanza Aziendale tenuto dal Professor Sandro Sandri presso la L.U.I.S.S. nell'anno accademico 1997-1998, Roma RIREA, 1998, collana Quaderni ISA LUISS.
12. **Giuseppe Alesii**, Holding Companies Discounts: Some Evidence from the Milan Stock

- Exchange, Financial Economics Network (FEN) of the Social System Research Network (SSRN) http://papers.ssrn.com/paper.taf?abstract_id=223490, Date Posted: May 19, 2000, Presented at EFMA 2000, Lugano, AFFI 2000, Namur, Incontro di Finanza Aziendale Bocconi 2000, Milano, EWGFM, Haarlem 2001.
13. **Giuseppe Alesii**, "Kulatilaka '93: The Case of a Dual Fuel Boiler: A Review, Gauss Codes and Numerical Examples" Financial Economics Network (FEN) of the Social System Research Network (SSRN) http://papers.ssrn.com/paper.taf?abstract_id=258690, Date Posted: March 15, 2001
 14. **Giuseppe Alesii**, "Kulatilaka '88 as a CVP Analysis in a Real Option Framework: A Review, Gauss Codes and Numerical Examples" Financial Economics Network (FEN) of the Social System Research Network (SSRN) http://papers.ssrn.com/paper.taf?abstract_id=258694, Date Posted: March 15, 2001, Presented at ROG meeting Paphos, Cipro; Incontro di Finanza Aziendale 2001, Milano, EWGFM, Haarlem 2001.
 15. **Giuseppe Alesii** Esercizi e Complementi di finanza aziendale Capp. XV e 3 appendici, pag. 570. Casa Editrice ARACNE, Roma, 2003.
 16. **Giuseppe Alesii** La scelta degli investimenti industriali: criteri, metodi e procedure organizzative, Capp. X, pagg 330, CEDAM, Padova, 2003.
 17. **Giuseppe Alesii**, "Value at Risk (VaR) in Real Options Analysis", Financial Economics Network (FEN) of the Social System Research Network (SSRN) <http://papers.ssrn.com/abstract=395445>, Date Posted: May 20, 2003, Presented at 2003 ROG meeting Washington D.C.; DFG 2003, Mainz; Workshop on Dynamic Strategies in Asset Allocation and Risk Management, Chairpersons, Professors Guenter Franke and Dick Stapleton, EIASM, 2003 Bruxelles.
 18. **Giuseppe Alesii**, L'efficienza fondamentale del mercato azionario: Alcune Verifiche Empiriche di Lungo periodo, versione corrente 17 June 2002, Università degli Studi de L'Aquila, Facoltà di Economia, Dipartimento di Sistemi ed Istituzioni per l'Economia, Working Paper, June 2000
 19. **Giuseppe Alesii**, Il consiglio di amministrazione come strumento di Corporate Governance: Cent'anni di Interlocking Directorate (1907 – 1997), versione corrente Dicembre 2000, Università degli Studi de L'Aquila, Facoltà di Economia, Dipartimento di Sistemi ed Istituzioni per l'Economia, Working Paper, September 2000
 20. **Giuseppe Alesii** VaR in Real Options Analysis, Review of Financial Economics 2005, 14, pagine 189-208;
 21. **Giuseppe Alesii** Payback period and Internal Rate of Return in Real Options Analysis, Engineering Economist 2006, vol 51, pagine 237-257;
 22. **Giuseppe Alesii** Controlling CfaR with Real Options, The ICFAI Journal of Financial Risk Management 2006, vol. 3 n. 3, pagine 58-93. 7
 23. **Giuseppe Alesii**, Fundamentals Efficiency of the Italian Stock Market: Some Long Run Evidence, International Journal of Business and Economics, Vol. 5, No. 3 (2006) pp.

245-264.

24. **Giuseppe Alesii**, Assessing Least Squares Monte Carlo for the Kulatilaka Trigeorgis General Real Options Pricing Model Istituto per le Applicazioni del Calcolo “Mauro Picone”, Roma, Reports Series n.147 6/2008; preiac33028; a previous version accepted at the Euro Working Group on Financial Modelling, London 2008, EFMA 2009 Milan, ROG Meeting 2009, Porto PT-Santiago SP.
25. **Giuseppe Alesii**, Assessing Least Squares Monte Carlo for the Kulatilaka Trigeorgis General Real Options Pricing Model VII, 84 pages, LAP Lambert Academic Publishing 2010, Saarbrücken, Deutschland
26. **Giuseppe Alesii** Rules of Thumb in Real Options Analysis, FSR Forum magazine forthcoming
27. **Giuseppe Alesii**, Going Parallel over the Rainbow, Proceedings of the 2014 International Conference on High Performance Computing & Simulation (HPCS 2014) July 21 – 25, 2014 • Bologna, Italy, IEEE Catalog Number: CFP1478H-CDR • ISBN: 978-1-4799-5311-0

References

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