Europass Curriculum vitae

Personal information

First name(s) / Surname(s)	**Lupu, Radu**
Address(es)	21, Calea Crangasi, bl. 12, sc. 1, ap. 34, sector 6, Bucharest, Romania
Telephone(s)	0723 290 261
E-mail	radu.lupu@rei.ase.ro, radu.a.lupu@gmail.com
Nationality	Romanian
Date of birth	11th April 1976
Gender	Male

Work Experience

Dates	January 1999 – present
Occupation or position held	Senior Lecturer at International Business and Economics Department
Main activities and responsibilities	Teaching, research and administrative activities Courses taught: Risk management, Time series modelling, Applied Econometrics, Asset Pricing, Derivatives, International Capital Markets Research: participation in various research projects on: modelling economic phenomena, capital markets, risk management, derivatives Administrative activities: Director of Master program International Financial Risk Management organized in collaboration with BI University from Oslo
Name and address of employer	**Academy of Economic Studies from Bucharest**
Type of business or sector	Education
Dates	September 2006 – present
Occupation or position held	Scientific Researcher third degree Research on modelling economic phenomena, capital markets, economic convergence
Main activities and responsibilities	Research activities in internal and extrabudgetary projects
Name and address of employer	**Institute for Economic Forecasting** within the **Romanian Academy of Science**
Type of business or sector	Scientific Research
Dates	September 2011 – present
Occupation or position held	President and Founder
Main activities and responsibilities	Administrative and research activities Collaboration with Matlab representative (Gamax company) to build scientific seminars on the use of quantitative software for economic analyses
Name and address of employer	**QuantFin Association**
Type of business sector	Consulting, Research, Education
Dates	Octombrie 2007 – June 2010
Occupation or position held	Expert Cabinet of the Vice-president
Main activities and responsibilities	Research and education activities
Name and address of employer	**Romanian National Securities Commission**

Type of business or sector	Regulation Authority
Dates	April 2010 – present
Occupation or position held	Professor
Main activities and responsibilities	Teaching and research activities Courses taught: Modeling derivatives with VBA, Risk Management
Name and address of employer	**ESEC MBA Université de Toulouse á Barcelona, Spain**
Type of business or sector	Education
Dates	June 2003 – present
Occupation or position held	Professor
Main activities and responsibilities	Teaching activities Courses taught: Derivatives, Risk management in financial institutions, International finance
Name and address of employer	**The Romanian – Canadian MBA**
Dates	June 2008 – present
Occupation or position held	Maitre de Conference invite
Main activities and responsibilities	Teaching activities Course taught: Management Information Systems
Name and address of employer	**Institut d'Administration des Entreprises din Lille, France**
Dates	July 2007 – present
Occupation or position held	Professor
Main activities and responsibilities	Teaching activities in the Erste Summer School organized by WU and Erste Bank Course taught: Risk management with derivatives
Name and address of employer	**Wirschaft Universität, Vienna**
Dates	September 2004 – June 2005
Occupation or position held	Research assistant
Main activities and responsibilities	Research activities: risk neutral probabilities extraction from option prices; cleaning of options prices data from arbitrage opportunities
Name and address of employer	**Concordia University, Montreal, Canada**

Education and training

Dates	Septembrer 1999 – May 2006
Title of qualification awarded	PhD in Economics, Magna cum Laude
Principal subjects/occupational skills covered	International Finance, Financial Econometrics, Matlab programming
Name and type of organisation providing education and training	The Academy of Economic Studies, Department of Interntional Business and Economics
Level in national or international classification	PhD
Dates	September 2004 – June 2005
Title of qualification awarded	Enrolment as PhD student
Principal subjects/occupational skills covered	Financial theory and Corporate Policy Decisions, Comportements Financiers, Advanced topics in investments and corporate finance, Theory of fixed income securities, Advanced seminar in Pedagogy, Advanced seminar in risk management and derivatives
Name and type of organisation providing education and training	PhD program organized by the consortium Concordia University, McGill University and Hautes Etudes Commerciales, Montreal, Canada
Level in national or international classification	PhD
Dates	August 2003 – June 2004
Title of qualification awarded	PhD scholarship – visiting student

Principal subjects/occupational skills covered	Derivatives pricing, Advanced Econometrics I and II, Advanced Microeconomics and Risk in Financial Economics
Name and type of organisation providing education and training	PhD program organized by the consortium Concordia University, McGill University and Hautes Etudes Commerciales din Montreal, Canada
Level in national or international classification	PhD

Personal skills and competences

Mother tongue(s)	**Romanian**
Other language(s)	

	Understanding				Speaking				Writing	
Self-assessment	Listening		Reading		Spoken interaction		Spoken production			
English	E	Excellent	E	Excellent	E	Excellent	E	Excellent	E	Excellent
French	F	Very well	F	Very well	F	Very well	F	Very well	F	Very well

Social skills and competences	*Communication, coordination of research activities*
Organisational skills and competences	*Director of the master program in International Financial Risk Management within the department of International Business and Economics, member of the Scientific Council of the Department, member of the Board of the Department; manager of the project „Advanced competences – profession and research wise – on risk management", financed with European Funds*
Technical skills and competences	*Mathematical modeling of economic phenomena; Measurement and mathematical modeling of the risk exposure; Competences obtained through the PhD program in Montreal, Canada;*
Computer skills and competences	*Mathematical modeling with Matlab, E-views, Microsoft Excel - VBA; datebase programs – Microsoft Access*
Artistic skills and competences	*Movies, theaters, reading*

Publications:

Articles:

- Coauthor – Radu Lupu, Sorin Dumitrescu, Dan Dumitrescu – Intra-day Evidence on the Behavior of Agents at the Bucharest Stock Exchange, Transformations in Business and Economics, Lithuania
- Coauthor – Radu Lupu, Iulia Lupu – Contagion Across Central And Eastern European Stock Markets: A Dynamic Conditional Correlation Test, Economic Computation And Economic Cybernetics Studies And Research , 43 (4), 2009, pp.173-186.
- Coauthor – Alexandra Horobeţ, Radu Lupu – Are Capital Markets Integrated? A Test Of Information Transmission Within The European Union, Horobet, A; Lupu, R, ROMANIAN JOURNAL OF ECONOMIC FORECASTING10 (2), 2009, pp. 64-80
- Coauthor – Ana Bobirca, Paul Gabriel Miclaus, Radu Lupu, Stefan Ungureanu - Services Sector Policy Reform: An Analysis Of Commitment Devices. The Case Of Romanian Banking Services, Revista Economică, Universitatea din Sibiu, Supliment 1/2008, ISSN 1582-6260, pp. 37-44
- Coauthor – Paul Gabriel Miclaus, Ana Bobirca, Radu Lupu, Stefan Ungureanu - A Garch Dynamic Conditional Correlation Model For The Computation Of Dynamic Var On The Romanian Capital Market, , Revista Economică, Universitatea din Sibiu, Supliment 1/2008, ISSN 1582-6260, pp. 235-240
- Coauthor – Paul-Gabriel Miclăuş, Ana Bobircă, Radu Lupu, Ştefan Ungureanu – International services trade patterns and specialization potential: a comparative assessment, Analele Universităţii din Ordea, Știinţe Economice, tom XVII, Vol. 1. Interntional Business and European Integration, pp.49-54, ISSN: 1582-5450
- Coauthor – Paul-Gabriel Miclăuş, Ana Bobircă, Radu Lupu, Ştefan Ungureanu - Expected default frequencies for the companies listed at the Bucharest Stock Exchange, , Analele Universităţii din Ordea, Știinţe Economice, tom XVII, Vol. 3. Interntional Business and European Integration, pp.337-342, ISSN: 1582-5450

- Author – Using BDS Test to Check the Forecasting Power of the Stochastic Volatility Model, Economic Computation And Economic Cybernetics Studies And Research, June 2006, ISSN: 0424-267X, Academy of Economic Studies, Department of Cibernetics, Statistics and Informatics Economics
- Co-author – Radu Lupu, Erika Tuşa, Alexandra Horobeţ - Using BDS Test to Check the Forecasting Power of the Jump-Diffusion Model, Economic Computation And Economic Cybernetics Studies And Research, ISSN: 0424-267X, Academy of Economic Studies, Department of Cibernetics, Statistics and Informatics Economics
- Author - The computation of bond values by simulating transition matrixes and calibration of BDT model, Economy Informatics, ISSN: 1453-1305, English issue on 2006
- Author – Option bounds for multinomial stock returns in Jump-diffusion processes – a Monte Carlo simulation for a multi-jump process, Romanian Journal of Economic Forecasting, Economic Forecasting Institute, ISSN: 1222-5436, 2/2006
- Co-author – Iulia Lupu, Radu Lupu – The Impacts of Stock Options Compensation Recognition on the Firm's Stock Price: Evidence from SFAS 123, Financial Studies no. 33/2006, ISSN 1582-8654
- Author – Using the GARCH model for the BET index of the Romanian Capital Market, Romanian Economic Journal, ISSN: 1454-4296, no. 17, 2005
- Author – Market Microstructure: Reviews and Comments on Liquidity and Market Efficiency, Romanian Economic Journal, ISSN: 1454-4296, no. 18, 2005
- Author – A Methodology Proposal for Stock Market Reactions to Expensing Stock Options Compensations, Romanian Economic Journal, ISSN: 1454-4296, no. 19, March 2006
- Co-author – Radu Lupu, Iulia Lupu – An Econometric Event Study for the Stocks listed at the Romanian Stock Exchange – Oeconomica, year XIV, no. 4, ISSN: 1223-0685
- Co-author – Alexandra Horobeţ, Radu Lupu – Currency Risk Exposure of the Romanian Companies: a Sectorial Analysis, Oeconomica, year XIV, no. 4, ISSN: 1223-0685
- Author – Option Pricing using Stochastic Volatility and Jump-Diffusion Processes, Theoretical and Applied Economics, no. 3, May 2006, ISSN: 1841-8678
- Author – Option Pricing Methods by Relaxing Black Scholes Merton Assumptions, Economic Analysis and Prognosis, no. 1/2006, ISSN: 1841-5490
- Author – How to Adjust the Value at Risk Method to the Empirical Distribution of Returns, Theoretical and Applied Economics, no. 4, June 2006, ISSN: 1841-8678

Books and Course Materials:

- Author – Risk management with financial derivatives, ISBN 978-973-709-405-6, Economica publishing house, 2008
- Coauthor – Environmental problems and development. Energy and environmental engineering series. a series of reference books and textbooks. Co-autor la articolul cu titlul Modeling the European Carbon Futures Market. An Efficiency Test, WSEAS press, ISSN: 1790-5095, ISBN: 978-960-474-023-9, carte indexată ISI
- Coauthor – Şerban Broche, Florin Munteanu, Ştefan Gheorghiu, Costea Munteanu, Radu Lupu – Ştiinţele complexităţii, Universitatea din București, ISBN: 978-973-737-533-9
- Coauthor – Paul-Gabriel Miclăuş, Radu Lupu – The maket for financial derivatives, Economică, 2008, ISBN: 978-973-709-386-8

Conferences:

- Coauthor – Modeling the European Carbon Futures Market. An Efficiency Test, publicat în Proceedings of the WSEAS International conferences, Bucharest, Romania, November 7-9, 2008, Climate Changes, global warming, biological problems (CGB '08), ISBN: 978-960-474-025-3, ISSN: 1790-2769, ISSN: 1790-5095, ISSN: 1790-5109, ISSN: 1790-5117, ISI
- Coauthor – Ana Bobircă, Paul-Gabriel Miclăuş, Radu Lupu, Ştefan Ungureanu, Services Sector Policy Reform: An Analysis Of Commitment Devices. The Case Of Romanian Banking Services, Conferinţa internaţională "Integrative Relations between the European Union Institutions and the Member States", Universitatea "Lucian Blaga" Sibiu, pp. 48-56, 15-16 May 2008, ISBN 978-973-739-594-8
- Coauthor – Paul-Gabriel Miclăuş, Ana Bobircă, Radu Lupu, Ştefan Ungureanu, A GARCH Dynamic Conditional Correlation Model for the Computation of Dynamic VAR on the Romanian Capital Market, Conferinţa internaţională "Integrative Relations between the European Union Institutions and the Member States", Universitatea "Lucian Blaga" Sibiu, pp. 299-307, 15-16 May 2008, ISBN 978-973-739-594-8
- Author – Volatility Forecasting and Sign Changes in Currency Returns, ECOMOD Conference, Sao Paolo, 9-11 July, 2007

- Coauthor - Test for Convergence on Eastern European Capital Markets, published in conference proceedings, International Conference – The Economics University in Varna – Bulgaria with title Bulgaria in EU – Challenges and Perspectives, 30 March 2007
- Co-author – Macroeconomic Factors and Share Returns in Central and Eastern Europe. A Principal Components Analysis, International Conference of the „Alexandru Ioan Cuza" University in Iaşi, 25-28 October, 2007
- Coauthor – Cristian Păun, Radu Lupu, Iulian Braşoveanu – Measuring Risk Aversion. Empirical Evidences on European Capital Markets, The International Conference of the Faculty for International Business and Economics, October 2006
- Coauthor – Radu Lupu, Gheorghe Hurduzeu – Game Theory and the Market for Corporate Control, Iaşi, Conference organized by the Faculty Al. I. Cuza, September 2006
- Author – Radu Lupu – The forecasting power of Implied volatilities, The Conference of the Institute for Economics Forecasting and the Ecological University from Bucharest, November 2006.
- Coauthor – Radu Lupu, Alexandra Horobeţ, Dan Dumitrescu, Alina Majaru – Transmition of volatility in Central and Eastern Europe, The international Coference of the Cibernetics Faculty in the Academy of Economic Studies, Bucharest, October 2006
- Coauthor – Radu Lupu, Cosmin Joldeş – Financing the Infrastructure Projects – Case Study Bucureşti – Constanţa Highway, presented at the Scientific Session of the Department of International Business and Economics, April 2000, Romanian Economic Journal, no.6-7, December 1999, ISSN: 1454-4296
- Author – The EURO and the Financial Market, Romanian Economic Journal, year IV, no. 8, May 2001, ISSN 1454-4296, presented at the Scientific Session of the Department of International Business and Economics, mai 2001, ISSN: 1454-4296
- Coauthor – Alexandra Horobeţ, Radu Lupu – Independence or Integration? The Romanian Capital Market in the European Framework, Oeconomica, Oeconomica, ISSN: 1223-0685, year XIV, no. 2, 2005
- Coauthor – Alexandra Horobeţ, Radu Lupu – Real exchange rates and corporate performance: a comparative analysis for CEE countries, International Conference of the Department of Trade, 2006, ISBN: 973-594-785-4
- Coauthor – Valentin Cojanu, Cristian Păun, Radu Lupu – Empirical Evidence on the Correlation between the Exchange Rate and Romanian Exports, International Conference of the Department of Trade, 2006, ISBN: 973-594-785-4
- Coauthor – Alexandra Horobeţ, Radu Lupu – Foreign Direct Investments as Engines of Growth: An Analysis of FDI Impact on Capital Formation and Productivity – Yearly Conference of the University in Sibiu, 2006, ISBN: (10) 973-739-259-0, (13) 978-973-739-259-6
- Coauthor – Alexandra Horobeţ, Erika Tuşa, Radu Lupu – The Determinants of Foreign Direct Investment in Central and Eastern European Countries: From Theory to Evidence - – Yearly Conference of the University in Sibiu, 2006, ISBN: (10) 973-739-259-0, (13) 978-973-739-259-6
- Coauthor – Cristian Păun, Radu Lupu, Iulian Braşoveanu – Testing APT Models on Romanian Capital Market, The Conference of The Romanian-American University, May 2006, ISBN: (10)-973-7854-46-2, (13)-978-973-7854-46-9, 19-21 mai 2006
- Coauthor – Radu Lupu, Iulia Lupu – An EGARCH Application for the Romanian Capital Market, The Conference of The Romanian-American University, May 2006, ISBN: (10)-973-7854-46-2, (13)-978-973-7854-46-9
- Coauthor - Gheorghe Hurduzeu, Miruna Hurduzeu, Alexandra Horobeţ, Cristian Păun, Radu Lupu – Currency Regimes in Central and Eastern Europe from the perspective of Euro Adoption. Case Study Romania, in „Cercetari finantate prin granturi CNCSIS", ASE Publish House, Bucureşti 2002, Conference organized by the Department of Research in Economics, ISSN: 1454-0320
- Author – Using BDS Test to Check the Forecasting Power of the Stochastic Volatility Model and the Jump-Diffusion Model, The 9th Conference of The Romanian Statistics and Probabilities Society, 28-29th April 2006
- Coauthor – Radu Lupu, Cristiana Tudor – Risk and Return and Equilibrium at the Romanian Stock Exchange, The 9th Conference of The Romanian Statistics and Probabilities Society, 28-29th April 2006

Research projects obtained through competition:

Coordinator – The Academy of Economic Studies

- Modeling economic behavior observed using the experiment of the complexity science. Case study The Bucharest Stock Exchange, Contract PN II IDEI, director
- Elaborating a rating system for IPO evaluation on the emerging markets in South-Eastern Europe, Contract PN II, IDEI
- Modeling and evaluating the impact of foreign direct investments on the labor market and the macroeconomic dynamics in Romania, Contract PN II, 2007
- September 2006 – present: Evaluation of Risk Management strategies in the Romanian Companies, CEEX (Contract for Excelency in Research), 2006 – 2008
- The European Capital Markets under Segmentation and Integration. Case Study Romania, CNCSIS contract, 2006
- The Security Culture and the Regional Cooperation in the Balcans, CEEX III contract, 2006, coordinated by EURISC

Coordinator – The Institute for Economic Forecasting:

- Synergies in Multi-scale Inter-Linkages of Eco-social systems, proiect FP 7, acronimul SMILE, Grant Agreement 217213, Turku School of Economics, Finlanda, partener Institutul de Prognoza Economica, Bucuresti, 2008, member
- Waste management. A dyagnostic analysis for the evolution of waste resulted from costructions and demolitions in the urban area, member
- Innovation and competitivity – fundamental vectors for the economic and social progress of Romania, Contract PN II, member