

Europass Curriculum Vitae

Personal information



First name(s) / Surname(s) Cristian Marius Litan
Address FSEGA, Street T. Mihali, 58-60, 400591, Cluj Napoca, Romania
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E-mail(s) cristian.litan@econ.ubbcluj.ro
Nationality Romanian
Date of birth 04/02/1977
Gender Male

Work experience

Dates 03/2009 →
Occupation or position held Current position Associate Professor, in the past Teaching Assistant (2009 - 2011) and Assistant Professor(2011 - 2013)
Main activities and responsibilities Teaching: statistics and applications, econometrics and applications, public economics, etc
Name and address of employer Faculty of Economics and Business Administration, Babeş-Bolyai University
Department of Statistics, Forecasting, Mathematics
Cluj-Napoca (Romania)

Dates 10/2007 - 02/2009
Occupation or position held Economist
Main activities and responsibilities Specific activities for the Department of Economic Modelling, the Unit of Economic Assessment Models.
Name and address of employer National Bank of Romania
Bucharest (Romania)

Dates 10/2002 - 09/2007
Occupation or position held Teaching Assistant
Main activities and responsibilities Ph.D. thesis research, teaching seminars in industrial organization, statistics, econometrics, mathematics for economists, etc.
Name and address of employer Department of Economics, University Carlos III de Madrid
Madrid (Spain)

Education and training

Dates 2002 - 2009
Title of qualification awarded Ph.D.
Principal subjects / occupational skills covered Economics
Name and type of organisation providing education and training University Carlos III de Madrid, Madrid, Department of Economics

Dates 2000 - 2002
Title of qualification awarded M.A.

Principal subjects / occupational skills covered	Economics
Name and type of organisation providing education and training	Central European University, Budapest, Department of Economics
Dates	1995 - 2000
Title of qualification awarded	B.A.
Principal subjects / occupational skills covered	Economist, specialization: Economic Cybernetics, Statistics and Informatics
Name and type of organisation providing education and training	Babeş-Bolyai University, Cluj Napoca, Faculty of Economics and Business Administration

Awards, Research Support and Selected Papers

AWARDS

2004-2007 – Grant “Formación de Personal Investigador” awarded by Comunidad de Madrid for writing the Ph.D. thesis.

2002-2004 – “Full Fellowship” of the Economics Department of Univ. Carlos III de Madrid for two years of doctoral studies in Economics.

2000-2002 – “George Soros Full Fellowship” for master studies in Economics at Central European University, Budapest.

RESEARCH PROJECTS

GTC_34068, 2013 – 2014

Litan, C.M. (PI)

"Cooperative game theory concepts adapted to models of majority voting over income taxation"

Role: **PI**

Financing from: Babeş-Bolyai University, Cluj Napoca, Romania

ECO2010-19596, 2011 – 2013

Marhuenda, F. (PI)

"Formacion, financiacion e impacto de las instituciones sociales"

Role: Researcher

Financing from: Ministerio de Educacion y Ciencia, Sec. de Estado de Universidad e Invest. (Spain)

UEFISCSU PN-II-RU-TE 53, 2010 – 2013

Silaghi, M. (PI)

"Modeling the endogenous economic growth and the mix of macroeconomic policies in Romania and other emerging economies"

Role: Researcher

Financing from: Romanian Ministry of Education, UEFISCSU

UEFISCSU PNII-RU-TE 319, 2010 – 2013

Chereches, R.M. (PI)

"The assessment of the impact of informal payments on the health system"

Role: Researcher (economic analysis, econometric analysis, related economics issues)

Financing from: Romanian Ministry of Education, UEFISCSU

UEFISCSU PN-II-RU-PD 415, 2010 – 2012

Litan, C.M. (PI)

"Outcome game forms: theoretical advances, generic properties of Nash equilibria, applications for economic modeling"

Role: **PI**

Financing from: Romanian Ministry of Education, UEFISCSU

UEFISCSU PNII-IDEI 2452, 2007 – 2011

Silaghi, Gh. (PI)

"A study regarding peer-to-peer collaborative environments for creating a high performance computing system for small and medium enterprises"

Role: Researcher

Financing from: Romanian Ministry of Education, UEFISCSU

SEJ2007 – 67135, 2007 – 2010

Marhuenda, F. (PI)

"Reglas de agregación y toma de decisión colectiva"

Role: Researcher

Financing from: Ministerio de Educacion y Ciencia, Dir. Gral. Investigacion (Spain)

CPHS # 2008-4-65, 2007 – 2009

Chereches, R.M. (PI)

"The impact of depression on diabetes patients: incidence and costs"

Role: Researcher (economic costs estimation, econometric analysis, related economics issues)

Financing from: Berkeley University, grant from Fogerty International Center, NIH

SEJ 2004 – 00968, 2004 – 2007

Marhuenda, F. (PI)

"Integración económica y política entre economías desiguales"

Role: Researcher

Financing from: Ministerio de Educacion y Ciencia, Dir. Gral. Investigacion (Spain)

FPI 2004 – 2007

Litan, C.M. (PI)

Grant "Plan de Formación de Personal Investigador" for the Ph.D. thesis: "Three essays in economic theory"

Role: **PI**

Financing from: Dirección General de Universidades e Investigación, Comunidad de Madrid, Fondo Social Europeo (Unión Europea, Spain)

SELECTED ARTICLES (peer-reviewed publications)

Economic theory

- 1) González Pimienta Carlos, **Litan M. Cristian**, "Conditions for equivalence between sequentiality and subgame perfection", *ECONOMIC THEORY*, vol. 35, 2008, p. 539 – 553.
- 2) Kukushkin S. Nikolai, **Litan M. Cristian**, Marhuenda Francisco, "On the generic finiteness of equilibrium outcome distributions in bimatrix game forms", *JOURNAL OF ECONOMIC THEORY*, vol. 139, 2008, p. 392-395.

- 3) **Litan M. Cristian**, Marhuenda Francisco, "Determinacy of Equilibrium Outcome Distributions for Zero Sum and Common Utility Games", *ECONOMICS LETTERS*, vol. 115, 2012, p.152 – 154.
- 4) **Litan M. Cristian**, Marhuenda Francisco, Peter Sudhölter, "Determinacy of equilibrium in outcome game forms", *JOURNAL OF MATHEMATICAL ECONOMICS*, vol. 60, 2015, p.28 – 32.

Applications of game theory

- 5) Curt Paula, **Litan M. Cristian**, Filip A. Diana, "A mathematical revisit of modeling the majority voting on fixed income quadratic taxations", *JOURNAL OF INEQUALITIES AND APPLICATIONS (journal of applied mathematics)*, published on-line, vol. 2010, p.1 – 15, doi: 10.1155/2010/329378.
- 6) Curt Paula, **Litan M. Cristian**, Filip A. Diana, "The least core in fixed-income taxation models: a brief mathematical inspection", *JOURNAL OF INEQUALITIES AND APPLICATIONS (journal of applied mathematics)*, published on-line, 2011, p. 1 – 15, doi: 10.1186/1029-242X-2011-138.
- 7) Silaghi Gheorghe Cosmin, Șerban Liviu Dan, **Litan M. Cristian**, "A time-constrained SLA negotiation strategy in competitive computational grids", *FUTURE GENERATION COMPUTER SYSTEMS (journal of theory and methods in Grid/Grid economy)*, vol. 28, 2012, p. 1303–1315.

Other topics (involving applied econometrics&statistics)

- 8) Chereches M. Răzvan, **Litan M. Cristian**, Zlati M. Alina, Bloom R. Joan, "Does co-morbid depression impact diabetes related costs? Evidence from a cross-sectional survey in a low-income country", *JOURNAL OF MENTAL HEALTH POLICY AND ECONOMICS*, vol. 15, 2012, p.127 – 138.
- 9) Silaghi Monica Ioana, Alexa Diana Ioana, Jude Cristina, **Litan M. Cristian**, "Do business and public sector research and development expenditures contribute to economic growth in central and eastern European countries? A dynamic panel estimation", *ECONOMIC MODELLING*, vol. 36, 2014, p.108 – 119.
- 10) Moca Mircea, **Litan M. Cristian**, Gheorghe Cosmin Silaghi, Gilles Fedak, "Multi-criteria and satisfaction oriented scheduling for hybrid distributed computing infrastructures", *FUTURE GENERATION COMPUTER SYSTEMS (journal of theory and methods in Grid/Grid economy)*, Elsevier, 2015, in press, ISSN: 0167-739X, <http://dx.doi.org/10.1016/j.future.2015.03.02>.