
BIOGRAPHICAL SKETCH

NAME LITAN CRISTIAN MARIUS, Ph.D.	POSITION TITLE ASSOCIATE PROFESSOR
CONTACT Email: cristian.litan@econ.ubbcluj.ro	INSTITUTIONAL AFFILIATION Faculty of Economics and Business Administration, Babeş-Bolyai University, Cluj Napoca, Romania
NATIONALITY: ROMANIAN	
AGE: 38	
GENDER: MALE	

EDUCATION / TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
National College Mihai Eminescu, Satu Mare, Romania	Baccalaureate	1991-1995	Informatics and Mathematics
Babeş-Bolyai University of Cluj Napoca, Faculty of Economics and Business Administration, Cluj Napoca, Romania	B.A.	1995-2000	Economic Cybernetics, Statistics and Informatics
Central European University, Department of Economics, Budapest, Hungary	M.A.	2000-2002	Economics
University Carlos III de Madrid, Department of Economics, Madrid, Spain	Ph.D.	2002-2009	Economics

A. Personal Statement

I have research interests in the field of mathematical and quantitative methods applied in economics and social sciences. I gave special attention to research in game theory and applications. I also conducted studies involving applied econometrics and statistics.

B. Positions and Honors

Positions and Employment

- 2012 – *Associate Professor*, Department of Statistics, Forecasting, Mathematics, Faculty of Economics and Business Administration, Babeş-Bolyai University, Cluj Napoca, Romania.
- 2011 – 2012 *Assistant Professor*, Department of Statistics, Forecasting, Mathematics, Faculty of Economics and Business Administration, Babeş-Bolyai University, Cluj Napoca, Romania.
- 2009 – 2011 *Teaching Assistant*, Department of Statistics, Forecasting, Mathematics, Faculty of Economics and Business Administration, Babeş-Bolyai University, Cluj Napoca, Romania.
- 2007 – 2009 *Economist*, Department of Monetary Policy and Economic Modeling, Unit of Economic Assessment Models. National Bank of Romania, Bucharest, Romania.
- 2002 – 2007 *Teaching and Research Assistant*, Department of Economics, University Carlos III de Madrid, Madrid, Spain.

Professional Membership

- 2010 – 2014 Member – European Economic Association (EEA)

Honors

- 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 University 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.

C. Peer-reviewed Publications

Selected:

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.

Applied 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/Cloud 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/Cloud economy), Elsevier, 2015, in press, ISSN: 0167-739X, <http://dx.doi.org/10.1016/j.future.2015.03.02>.

D. Research Support

GTC_34068	Litan, C.M. (PI)	2013 – 2014
Cooperative game theory concepts adapted to models of majority voting over income taxation		
Role: PI		
Financing institution: Babeş-Bolyai University		
ECO2010-19596	Marhuenda, F. (PI)	2011 – 2013
"Formacion, financiacion e impacto de las instituciones sociales"		
Role: Researcher		
Financing institution: Spanish Ministry of Education and Sciences		
UEFISCSU PN-II-RU-TE 319	Chereches, R.M. (PI)	2010 – 2013
The assessment of the impact of informal payments on the health system		
Role: Researcher (economic analysis, econometric analysis, related economics issues)		
Financing institution: Romanian Ministry of Education and Sciences		
UEFISCSU PN-II-RU-TE 53	Silaghi, M. (PI)	2010 – 2013
Modeling the endogenous economic growth and the mix of macroeconomic policies in Romania and other emerging economies		
Role: Researcher		
Financing institution: Romanian Ministry of Education and Sciences		
UEFISCSU PN-II-RU-PD 415	Litan, C.M. (PI)	2010 – 2012
Outcome game forms: theoretical advances, generic properties of Nash equilibria, applications for economic modeling		
Role: PI		
Financing institution: Romanian Ministry of Education and Sciences		
UEFISCSU PN-II-IDEI 2452	Silaghi, Gh. (PI)	2007 – 2011
A study regarding peer-to-peer collaborative environments for creating a high performance computing system for small and medium enterprises		
Role: Researcher		
Financing institution: Romanian Ministry of Education and Sciences		
SEJ2007 – 67135	Marhuenda, F. (PI)	2007 – 2010
"Reglas de agregación y toma de decisión colectiva"		
Role: Researcher		
Financing institution: Spanish Ministry of Education and Sciences		
CPHS # 2008-4-65	Chereches, R.M. (PI)	2007 – 2009
The impact of depression on diabetes patients: incidence and costs		
Role: Researcher (economic costs estimation, econometric analysis, related economics issues)		
Financing institution: Berkeley University, from Fogarty Grant, NIH, USA		
SEJ 2004 – 00968	Marhuenda, F. (PI)	2004 – 2007
"Integración económica y política entre economías desiguales"		
Role: Researcher		
Financing institution: Spanish Ministry of Education and Sciences		
FPI	Litan, C.M. (PI)	2004 – 2007
Grant "Plan de Formación de Personal Investigador" for the Ph.D. thesis: Three essays in economic theory		
Role: PI		
Financing institution: Comunidad de Madrid, Spain		