

# CIPRIAN NECULA

Ciprian Necula is a Professor of Finance at the Department of Money and Banking from the Bucharest University of Economic Studies and he is the director of the Center for Advanced Research in Finance and Banking (CARFIB) at the same university. After receiving his PhD in Finance in 2009 and the Habilitation in Economics in 2012 from the Bucharest University of Economic Studies, he was granted a SCIEX Fellowship and then a Marie Curie Fellowship to conduct research at the University of Zurich. His teaching deals with quantitative aspects of banking and finance and his research is mainly focused on topics from the fields of option pricing, risk management, and macroeconomic modeling. He was involved as a researcher or as a principal investigator in several national and international research projects.

## EDUCATION

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- 2015 - MSc in Computational Biology and Bioinformatics, ETH Zurich
- 2009 - PhD in Finance, DOFIN, Bucharest University of Economic Studies, supervisor: Prof. Moisa Altar
- 2003 - MSc in Stochastic Processes, University of Bucharest, Faculty of Mathematics
- 2002 - MSc in Financial Markets, DOFIN, Bucharest University of Economic Studies
- 2001 - BA in Economics, Bucharest University of Economic Studies, Faculty of Finance and Banking
- 2001 - BA in Mathematics, University of Bucharest, Faculty of Mathematics

## INTERESTS AND ACTIVITIES

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- quantitative finance and risk management
- macroeconomic modeling

## SELECTED RESEARCH GRANTS

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### - international grants

- 2015-2017 - *Marie Curie IEF Grant*: “Heterogeneity and the Volatility of Financial Assets”
- 2012-2013 - *SCIEX Post-Doctoral Grant* : “The Interaction of Agents and Asset Price Dynamics”
- 2011-2012 - *CERGE/GDN RRC-XI Research Project*: “Foreign Bank Participation and Fiscal Burden Sharing in Cross-Border Banking Crises: An Assessment for Eastern European Countries”;
- 2010-2011 - *CERGE/GDN RRC-X Research Project*: “Macroeconomic Implications of Population Ageing and Pension Reform in Romania” – *principal investigator*;
- 2002-2004 - *British Academy Research Project “Joint Projects with South East Europe”*: “Volatility in Financial Markets in Eastern-European Countries”;

### - national grants

- 2010-2012 - *CNCS-UEFSCDI PNII\_RU\_PD Project*: “Modeling the Interconnections between the Financial System and the Real Sector using Statistical Mechanics Principles” – *principal investigator*;
- 2011-2012 - *CNCS-UEFSCDI PNII\_PCE Project*: „Uncertainty, Complexity, and Financial Stability”;
- 2009-2011 - *CNCS-UEFSCDI PNII\_PCE Project*: “Modeling the Influence of Uncertainty, Volatility and Risk on the Dynamics of Complex Socio-economic Systems”;
- 2007-2010 - *CNCS-UEFSCDI PNII Project*: “Innovation and economic growth”;
- 2005-2008 - *CNCS-UEFSCDI CEEX Project*: “Economic growth, employment and competitiveness in a knowledge-based economy”.