INFORMAȚII PERSONALE

Alina ZAHARIA-ROTARU

- Str. Cernăuți nr 31, 022184, Romania
- (+40) 727 350 748
- alina.zaharia03@gmail.com

Sex: F | Data nașterii: 16.07.1991 | Naționalitatea: Română

EXPERIENȚĂ PROFESIONALĂ

1 Ianuarie 2022 – Prezent

Supervisor

European Central Bank, Banking Supervision, Directorate General Horizontal Line Supervision, Stress Test Experts, Frankfurt (Germany)

- participating as Risk Expert in the IMF External review of SNB's stress test models
- coordinating the Leveraged Finance module in the 2023 stress test exercise, both in the preparatory and in the execution phase
- participating in the 2023 stress test exercise (preparatory and execution phase) – member of the Net Interest Income Team
- co-lead of the Profit Team (Net Interest Income and Net Fee and Commission Income) in the 2022 Russia – Ukraine War Vulnerability Analysis
- participating in the Interest Rate – Credit Spread Analysis – member of the Profit Team (Net Interest Income)
- participating in the Working Group on Stress Test Models (WSTDM) in the validation team of the Net Interest Income models and Net Fee and Commission Income models
- participating in various analyses, analytical tools development, analytical projects and research projects
- participating in the MTF on Net Interest Income and preparing proposals for the STTF
- collaborating with the relevant corresponding counterparties from the DG-MF/STM

1 Feb 2020 – 31 December 2021

Financial Stability Expert

European Central Bank, Directorate General Macroprudential Policy & Financial Stability, Stress Test Modelling Division, Frankfurt (Germany)

- participating in the 2021 Stress Test exercise – member of the Profit Team (Net Interest Income, Net Fee and Commission Income and Dividend Income)
- participating in the 2020 CAST exercise – co-lead of the Profit Team (Net Interest Income, Net Fee and Commission Income and Dividend Income)
- participating in 2020 Vulnerability Analysis – member of the Profit Team (Net Interest Income)
- contributing to the Financial Stability Committee's Working Group on Stress Testing – WS1 – Profitability
- developing, calibrating and implementing the Top Down Satellite Models for Net Fee and Commission Income and Dividend Income; extending the Net Fee and Commission Income model with a panel of non-EA banks to capture the FX effects according to the 2021 Stress Test framework
- participating in various analyses, analytical tools development, analytical projects using advanced statistical and econometric techniques
- assessing internal models developed by banks for Net Interest Income, Net Fee and Commission Income and Dividend Income; developing the infrastructure for the model questionnaires used to gather information from banks on their approaches
- participating in the FAQs process as ECB representative
- collaborating with the relevant corresponding counterparties from the ECB Banking Supervision
- preparing presentations and contributing to staff training during the Stress Test and CAST exercises, as well as in their preparatory phases.

11 Nov 2015 – 31 Jan 2020	**Economist**

National Bank of Romania, Financial Stability Department, Macroprudential Policies Division, Bucharest (Romania)

- implementing the macroprudential tools, mainly the capital buffers (CCyB, CCoB, O-SII, SyRB)
- developing advanced empirical models and the corresponding tools using advanced econometric techniques dedicated to the implementation of the CCyB and O-SII buffers
- developing tools to assess and forecast the risks and the vulnerabilities in the Romanian banking sector, based on various scenarios
- ensuring the Secretariat of the National Committee for Macroprudential Oversight
- preparing the Financial Stability Report and the Annual Report of the National Committee for Macroprudential Oversight
- member of the ATC working group - Assessment Team on the assessment of Recommendation on guidance for setting countercyclical buffer rate (ESRB/2014/1)
- assessing Internal Rating Based models developed by banks
- collaborating with colleagues from the other areas such as the Monetary Policy Department, the Modelling Department, Market Operations, Banking Supervision and International Relations
- assuring the transparent communication of the macroprudential instruments implementation process, by participating at conferences and by publishing working papers on the NBR's website.

1 Oct 2018 – 31 Jan 2020	**Teaching Assistant**

The Bucharest University of Economic Studies, Faculty of Finance and Banking, Department of Money and Banking, Bucharest (Romania)

Seminar: Modelling of financial and monetary decisions

16 Aug 2015 – 31 Oct 2015	**Risk Control Specialist Senior**

Libra Internet Bank, Bucharest (Romania)

- responsible for the risk analyses regarding credit risk, interest rate risk, liquidity risk and leverage
- developing advanced tools using granular data to assess credit risk, interest rate risk, liquidity risk and leverage
- assessing the main risks of the bank and forecasting the bank profitability in various macroeconomic and microeconomic scenarios
- preparing the ICAAP report and the bank recovery plan
- participating in regular staff trainings
- contributing to various technical analyses, presentations and projects on risk management
- secretary of the Executive Risk Committee - preparing all the necessary documents and presenting them to the top management on a regular basis

1 Feb 2014 – 15 Aug 2015	**Risk Control Specialist**

Libra Internet Bank, Bucharest (Romania)

- responsible for the risk analyses regarding credit risk, interest rate risk, liquidity risk and leverage
- developing advanced tools using granular data to assess credit risk, interest rate risk, liquidity risk and leverage
- participating in on-site visits in the branches and providing feedback on risk-related issues
- contributing to various analyses, presentations and projects on risk management
- secretary of the Executive Risk Committee - preparing all the necessary documents and presenting them to the top management on a regular basis

1 Oct 2013 – 31 Dec 2013	**Intern - Libra Golden League**

Libra Internet Bank, Bucharest (Romania)

Programme intended to teach graduates with very good college backgrounds about the banking sector.

EDUCATION AND TRAINING

1 Oct 2017–Present	**PhD in Finance and Banking**	EQF level 8

The Bucharest University of Economic Studies, Bucharest (Romania)

PhD topic: Effects of the low interest rate environment on the economy

1 Oct 2013–15 Jun 2015	**Master's Degree – Finance and Banking**	EQF level 7

The Bucharest University of Economic Studies - DOFIN Master Programme, Bucharest (Romania)

Dissertation topic: Financial and Business Cycles. Worldwide Correlations and Determinants.

Graduated Valedictorian of the 2013 – 2015 class (9.50 dissertation grade)

1 Oct 2010–15 Jun 2013	**Bachelor's Degree – Finance and Banking**	EQF level 6

The Bucharest University of Economic Studies, Bucharest (Romania)

Thesis topic: Monetary Policy Transmission Mechanisms (thesis grade: 10)

1 Oct 2010–15 Jun 2013	**Bachelor's Degree – Applied Mathematics**	EQF level 6

Faculty of Mathematics and Computer Science, University of Bucharest, Bucharest (Romania)

Thesis topic: Simplex Algorithms (written exam and thesis grade: 9,06)

PERSONAL SKILLS

Mother tongue(s) — Romanian

Foreign language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C2
B2	B2	B1	B1	B1
A2	A2	A2	A2	A1

English
French
Spanish

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills
- Good analytical, communication, presentation and negotiation skills
- Willing to work in a team and to actively learn from my colleagues

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Independent user	Proficient user

Digital skills - Self-assessment grid

- Microsoft Office: Excel, Word, Power Point, Access – proficient user
- Oracle SQL - independent user
- C++ - independent user
- Stata – proficient user
- Eviews – proficient user
- Matlab – proficient user
- R – proficient user
- Latex (TeXstudio) - proficient user

Driving licence — B

ADDITIONAL INFORMATION

EU project experience

- External review of SNB's stress test models by the IMF, 2022 – 2024 (IMF, ECB, BoE, SNB)

- Twinning project BY 16 ENI FI 01 17 "Strengthening the National Bank of Belarus", implemented by a Consortium of the Deutsche Bundesbank, Narodowy Bank Polski and Banca Națională a României – Short-Term Expert (June 2019):

    - Enhancing the macro-prudential policy instruments' toolkit
    - Expert missions, desk review, research and work
    - Joint consultations and discussions

- Participation in the Informal meeting of ECOFIN in Bucharest, 5-6 April 2019

- Participation in the 40th meeting of the Central Banks Governors' Club of the Central Asia, Black Sea Region and Balkan Countries - 19 - 21 September 2018

- Banking Programme Ovidius - Real access to the labour market - selected to be one of the 9 students representing Bucharest in the BELFAIR event in Gent, Belgium, in March 2013.

Research

- Alupoaiei, A., Kubinschi, M., Rădulescu, E., and Zaharia-Rotaru, A. (2024), Crowding-out, Home Bias and Financial Stability in the aftermath of the sovereign debt crisis, https://store.ectap.ro/articole/1746.pdf, Volume XXXI (2024), No. 2(639), Summer, pp. 107-128

- Durrani, A., Ponte Marques, A., Giraldo, G., Pancaro, C., Panos, J. and Zaharia, A. (2022) – Does the disclosure of stress test results affect market behaviour?, ECB Macroprudential Bulletin, June 2022

- Necula, C., Murarașu, B., Radu, A., Anghelescu, C. and Zaharia, A. (2022) – Quantifying the probability of a recession in selected Central and Eastern European countries, Economic Research-Ekonomska Istraživanja, https://doi.org/10.1080/1331677X.2022.2073460

- Research project: July – December 2021 – Institutional Project regarding the Health crisis versus the financial crisis. Impact on the economic policy mix efficiency – The Bucharest University of Economic Studies – participating in working package 2:

    - WP2: Macroeconomic models with an epidemiological component

- Research project: August – December 2019 – Institutional Project regarding The Forecast on the Evolution of the Economic Environment (MODECON) – The Bucharest University of Economic Studies – participating in working packages 5 and 6:

    - WP5 – Assessing the probability of a recession in Romania
    - WP6 – Transmission of external shocks in the Romanian economy

- Zaharia, A., (2021) - Estimation of correlation between capital markets. Analysing the impact of crises on the Central and Eastern European markets, The Review of Finance and Banking, Volume 13, Issue 1, 2021, pages 61-78, http://www.rfb.ase.ro/articole/Art4_v13june.pdf, print ISSN 2067 - 2713, online ISSN 2067 - 3825

- Altar, A., Kubinschi, M. and Zaharia, A., (2021) - Uncovering the Dynamic Relationship between Credit and Sustainable Economic Growth in Selected CEE Countries, Sustainability. 2021; 13(11):6349. https://doi.org/10.3390/su13116349

- Alupoaiei, A., Kubinschi, M., Tatarici, L. and Zaharia, A., (2020) – Implementing the countercyclical capital buffer (CCyB) in Romania, NBR WP. No. 50/2020, ISSN 1584-0883

- Kubinschi, M. and Zaharia, A., (2019) – Uncovering the dynamic relationship between credit and economic growth in Romania, presented at (i) International Finance and Banking Conference FIBA, Bucharest, Romania – best paper award, (ii) Annual Scientific Conference of Romanian Academic Economists from Abroad, ERMAS, Cluj-Napoca, Romania, (iii) Strategica International Academic Conference, Bucharest, Romania and (iv) IMF/NBR Seminar on Financial Stability Issues, Bucharest, Romania

- Kubinschi, M. and Zaharia, A., (2018) – Sovereign risk analysis. World and country specific fundamentals, presented at 32nd IBIMA Conference proceedings, Seville, Spain

- Alupoaiei, A., Kubinschi, M. and Zaharia, A., (2018) – Quantitative toolkit for operationalizing the

Countercyclical Capital Buffer in Romania, presented at "10 Years after the Global Financial Crisis: Macroprudential Measures", organised by the NBR and IMF, 2018

- Zaharia, A., (2018) – The Role of Capital Markets in Financing the Real Sector. Case of Emerging Europe, presented at International Finance and Banking Conference FIBA, Bucharest, Romania

- Zaharia, A., (2015) – Financial and Business Cycles. Worldwide Correlations and Determinants, MSc Dissertation, DOFIN – ASE, Bucharest, published at finsys.rau.ro

- Zaharia, A., (2014) – Simplex Algorithms, Bachelor's Dissertation

- Zaharia, A., (2013) – Monetary Policy Transmission Mechanisms, Bachelor's Dissertation

Conferences
- IBIMA International Conference – June 26-27, 2024, Madrid, Spain

- Strategica International Academic Conference – October 10-11, 2019, Bucharest, Romania

- IMF/NBR Seminar on Financial Stability Issues –September 11-14, 2019, Bucharest, Romania

- Annual Scientific Conference of Romanian Academic Economists from Abroad (ERMAS 2019) – 31 July-2 August, 2019, Cluj-Napoca, Romania

- International Finance and Banking Conference FIBA – March 28-29, 2019, Bucharest, Romania – best paper award

- IBIMA International Conference – November 15-16, 2018, Seville, Spain

- IMF/NBR International Conference "10 Years after the Global Financial Crisis: Macroprudential Measures", November 16, 2018, Sinaia, Romania

- International Finance and Banking Conference FIBA - March 29-30, 2018, Bucharest, Romania

Courses
- Balance Sheet Management Summit – London, 2023

- Women in Leadership – ECB, 2023

- Matlab Fundamentals – ECB, 2021

- Stata Fundamentals – ECB, 2021

- Panel Data using Stata – ECB, 2020

- Vulnerability Diagnostics – IMF, JVI, Vienna, Austria, 5 Aug. 2019 - 16 Aug. 2019

- Financial Sector Policies – IMF, JVI, Vienna, Austria, 22 Oct. 2017 - 5 Nov. 2017

- Internal Capital Adequacy Assessment Process – a Capital Planning Tool for Banks – RBI – 2015

- Internal Models Approval Process (Credit Risk, Market Risk, Operational Risk) – RBI – 2014

- The New Macroprudential Policies - Capital Buffers – RBI – 2014

Data: 16.07.2024

Semnătura: Alina Zaharia-Rotaru