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WORK EXPERIENCE

- 2013/09 – present International Monetary Fund (IMF) Washington D.C. (Economist)
 - *Macroeconomist* (2021/01 –) – Middle East and Central Asia Department (MCD)
 - ✓ Tunisia team: co-lead the desk work; analyze and forecast growth and inflation dynamics; conduct debt sustainability analysis; draft policy contributions to various program-related documents and technical notes; contribute to the departmental paper on informality.
 - *Financial Economist* (2016/09 – 2020/12) – Monetary and Capital Markets Department (MCM)
 - ✓ Strategy Unit: responsible for monetary and financial sector issues under the program review for the Republic of Serbia (2019-2020); in charge of systemic risk oversight and macroprudential policies for the 2019 Canada Financial Sector Assessment Program (FSAP).
 - ✓ Global Stability: contributed to several analytical chapters of the Global Financial Stability Review; led the analytical work of the chapter on global housing synchronicity; participated in a recruitment mission for the Economist Program and 2018 Singapore Article IV.
 - *Economist Program* (2013/09 – 2016/08): desk economist in the African Department/C2 & financial economist in MCM/GS; part of the stress testing team for the 2016 Russian Federation FSAP.
- 2012/05 – 2012/1 European Central Bank (ECB) Frankfurt am Main (PhD Internship)
 - *Financial Stability Department* (DG-F): contributed to the Financial Stability Review (December 2012), Surveillance Notes, and Banking Supervision Task Force.
- 2011/07 – 2012/04 Deutsche Bundesbank Frankfurt am Main (Visiting Researcher)
 - *Research Department*: analyzed interbank network through the lenses of the German Credit Register; calibrate bank capital surcharges to minimize systemic risk.
- 2009/02 – 2009/07 UBS Investment Bank Zürich (Internship)
 - *Equities Trading*: contributed to various reports for the management of Swiss Equities, using data applications such as Bloomberg and Thomson Reuters.

EDUCATION

- 2016/07 Yale School of Management United States
Program on Financial Stability – Summer Institute
Professors: Andrew Metrick and Gary B. Gorton
- 2009 – 2013 University of Konstanz Germany
PhD in Quantitative Economics and Finance – *Magna cum laude*
Thesis advisor: Günter Franke
- 2007 – 2009 HEC Lausanne – Faculty of Business and Economics Switzerland
MSc in Financial Engineering and Risk Management
Thesis advisor: Eric Jondeau
- 2003 – 2007 Bucharest Academy of Economic Studies Romania
BA in Economics and Finance

POLICY CONTRIBUTIONS

1. “Toward an Integrated Policy Framework,” Board Paper, IMF (2020/10).
2. “Republic of Serbia: Staff Report for the Fourth Review under the Policy Coordination Instrument,” IMF (2020/08).
3. “Canada: Technical Note on Systemic Risk Oversight and Macroprudential Policies,” IMF (2020/01).
4. “Canada: Technical Note on Stress Testing and Financial Stability Analysis,” IMF (2020/01).
5. “Republic of Serbia: Staff Report for the Third Review under the Policy Coordination Instrument,” IMF (2019/12).
6. “Canada: Financial Sector Assessment Program,” IMF (2019/06).
7. “GFSR: Downside Risks to House Prices,” – Chapter 2, IMF (2019/04).
8. "Singapore: 2018 Article IV Consultation", Staff Report 18/245, IMF (2018/07).

9. “GFSR: House Price Synchronization: What Role for Financial Factors?” – Chapter 3, IMF (2018/04).
10. “GFSR: Household Debt and Financial Stability,” – Chapter 2, IMF (2017/10).
11. “GFSR: Are Countries Losing Control of Domestic Financial Conditions?” – Chapter 3, IMF (2017/04).
12. “GFSR: Corporate Governance, Investor Protection, and Financial Stability in Emerging Markets,” – Chapter 3, IMF (2016/10).
13. “Russian Federation: Financial Sector Assessment Program – Technical Note on Stress Testing,” Country Report No. 16/306, IMF (2016/09).
14. “GFSR: The Growing Importance of Financial Spillovers from Emerging Markets,” Chapter 2, IMF (2016/04).
15. “GFSR: Corporate Leverage in Emerging Markets – A Concern?” Chapter 3, IMF (2015/10).
16. “Central African Economic and Monetary Community (CEMAC): 2015 Article IV Consultation,” Country Report 15/308, IMF (2015/11).
17. “Republic of Congo: 2015 Article IV Consultation,” Staff Report 15/263, IMF, (2015/09).
18. “Republic of Congo: 2014 Article IV Consultation,” Staff Report 14/272, IMF, (2014/09).
19. “Regional Economic Outlook (Sub-Saharan Africa): Fostering Durable and Inclusive Growth”, IMF (2014/04).
20. “Sustaining more Inclusive Growth in the Republic of Congo” African Department, Staff Discussion Paper, (2014/12).
21. “ECB’s Financial Stability Review – Gauging the Potential for Sovereign and Banking Sector Spillovers in the Euro Area,” Box 5, European Central Bank, Frankfurt am Main (2012/12).

JOURNAL PUBLICATIONS

1. “Local House-Price Vulnerability: Evidence from the US and Canada,” with Elizabeth Mahoney (US Census Bureau), *Journal of Housing Economics*, August 2021.
2. “Emerging Market Corporate Leverage and Global Financial Conditions” – with Selim Elekdag, *Journal of Corporate Finance*, Volume 62, June 2020.
3. “Public Investment in a Developing Country Facing Natural Resource Depletion” – with Matteo Ghilardi and Dalia Hakura – *Journal of African Economies*, CSAE, 2017, vol. 26(3), pp. 295-321.
4. “Centrality-based Capital Allocations” – with Ben Craig (Cleveland Fed) and Peter Raupach (Deutsche Bundesbank), *International Journal of Central Banking*, June 2015 issue, pp. 329–377.
5. “The Dynamics of Spillover Effects during the European Sovereign Debt Turmoil” – with Andreas Beyer (European Central Bank), *Journal of Banking & Finance*, Volume 42, May 2014, pp. 134–153.
6. “Credit Spread Interdependencies of European States and Banks during the Financial Crisis” – with Yves S. Schüller (Deutsche Bundesbank), *Journal of Banking & Finance*, Volume 36, Issue 12, December 2012, pp. 3444–3468.

BOOK CHAPTERS

- “Understanding the Macro-Financial Effects of Household Debt: A Global Perspective” – with Alan Feng and Nico Valckx, *In Remaking Retirement, Debt in an Aging Economy*, eds. O.S. Mitchell and A.L. Lusardi. Oxford: Oxford University Press.

WORKING PAPERS

1. “Non-Primary Home Buyers, Shadow Banking, and the U.S. Housing Market” – with Zaki Dernaoui (MIT), IMF Working Paper, *IMF WP/20/174*.
2. “Household Debt and House Prices-at-risk: A Tale of Two Countries” – with Elizabeth Mahoney, *IMF WP/20/42*.
3. “Digging Deeper – Evidence on the Effects of Macroprudential Policies from a New Database” – with Gaston Gelos, Machiko Narita, Erlend Nier, Heedon Kang, Zohair Alam, Jesse Eiseman, and Naixi Wang, *IMF WP/19/66*.
4. “Growth-at-risk: Concept and Application in IMF Country Surveillance” – with Prasad Ananthakrishnan, Selim Elekdag, Phakawa Jeasakul, Romain Lafarguette, Alan Feng, and Changchun Wang, *IMF WP/19/36*.
5. “House Price Synchronicity, Banking Integration, and Global Financial Conditions” – with Jane Dokko (Chicago Fed), Dulani Seneviratne, *IMF WP/18/250*.
6. “Financial Inclusion and Development in CEMAC” –with Boriana Yontcheva, *IMF WP/15/235*.

TRAINING AND AWARDS

- 2009-2013 – Marie Curie Doctoral Fellowship in Risk Management - European Community’s Seventh Framework Program FP7-PEOPLE-ITN-2008 (grant agreement PITN-GA-2009-237984)

- 2011/06 – Scholarship for the 22nd Summer School in Macroeconomics with Financial Frictions, Jerusalem, Hebrew University; Themes covered: Economic Theory after the Global Financial Crisis; DSGE models
- 2011/06 – Chartered Financial Analyst (CFA) – Level 1

JOURNAL REFEREEING

- Management Science; Journal of Economic Dynamics and Control; Journal of Financial Stability; Journal of Banking and Finance; Journal of Futures Markets; International Journal of Money and Finance; International Review of Economics and Finance; Emerging Markets Review; North American Journal of Economics and Finance.

SELECTED CONFERENCES AND SEMINAR PRESENTATIONS

1. London School of Economics (Systemic Risk Center), virtual (2020/12).
2. “Policies to Harness Global Financial Interconnectedness” joint BIS-BOE-ECB-IMF Workshop, Basel (2019/04).
3. IFABS 2018 Porto Conference, University of Porto, Portugal (2018/07).
4. “Unconventional Monetary Policy: Lessons Learned”, Hong Kong Monetary Authority (2017/10).
5. “Measurement and Control of Systemic Risk” Workshop, HEC Montreal (2017/09).
6. IFABS 2017 Oxford Conference, University of Oxford (2017/07).
7. Annual IJCB Research Conference– hosted by the Federal Reserve Bank of Philadelphia (2014/09).
8. Final Conference of the Macro-Prudential Research Network of the ECB – Frankfurt am Main (2014/06).
9. “Convergence, Interconnectedness, and Crises” Conference, Philadelphia (2011/12).
10. 11th Annual Bank Research Conference, organized by the FDIC and JFSR, Washington DC (2011/09).

LANGUAGE AND COMPUTING SKILLS

- Language Skills: English (fluent), French (advanced), German (beginner), Romanian (native), Spanish (basic)
- Programming Skills: MATLAB (time series analysis), R (regression analysis, machine learning, data manipulation), STATA (panel data analysis)
- Data Knowledge: BankScope, Bloomberg, Capital IQ, FactSet, Fitch Connect, Haver, ORBIS (Bureau van Dijk), Thomson Reuters Eikon & DataStream

REFERENCES

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