

Björn van Roye

Curriculum Vitae

☎ +49 69 1344 5711

✉ bjoern.van_roye@ecb.europa.eu

Experience

Working

- Since Jan. 2019 **Principal Economist**, *Directorate General International Policy and European Relations, External Developments Division; European Central Bank*, Frankfurt/Main, Germany.
Team Leader Global Economy Group, Team Leader Data Management Team, Coordination of the international projections, Coordinator of the Research Agenda of the Directorate General International, Global Models, Modeling with Structural BVARs, ECB/EBA Stress Test Task Force.
- Jan. 2017- Dec.2018 **Senior Economist**, *Directorate General International Policy and European Relations, External Developments Division; European Central Bank*, Frankfurt/Main, Germany.
Expert on Global Trade, Global Models, Modeling with Structural BVARs, Financial Stability Matrix Member, ECB/EBA Stress Test Task Force.
- Sep. 2014- Dec.2016 **Economist**, *Directorate General International Policy and European Relations, External Developments Division; European Central Bank*, Frankfurt/Main, Germany.
Global Economy Group, Modeling with Structural BVARs, Global Models, Forecast Latin America, Financial Stability Matrix Member, ECB/EBA Stress Test Task Force.
- Sept. 2013 **Consultant**, *Directorate General International Policy and European Relations, International Policy Analysis Division; European Central Bank*, Frankfurt/Main, Germany.
Project: Estimating and extending the ECB's International Policy Analysis model (IPAM).
- 2007-2014 **Research economist**, *Forecasting center and research area macroeconomic policies under market imperfections; The Kiel Institute for the World Economy*, Kiel, Germany.
Special expertise: business cycle analysis; macro-financial linkages; macroeconomic and econometric modeling; monetary economics; emerging markets.
The Kiel Institute is an international center for research in global economic affairs, macroeconomic forecasting, economic policy consulting, economic education and documentation.

Projects

- 2014-2015 Consultancy and Assistance to build a model for the Egyptian economy. *Egyptian Center for Economic Studies*, Cairo, Egypt.
- 2014-2015 Evaluation, assessment and reform proposals for the European Macroeconomic Imbalances Procedure (MIP). *Ministry of Economics and Technology*, Germany.
- 2012-2014 Enhancement and future development of the country monitoring framework of the Ministry of Finance. *Ministry of Finance*, Germany.
- 2012-2013 Consultancy and assistance to the Ministry of Finance within the Working Group on the Methodology to assess Lisbon related structural reforms (LIME). *Ministry of Finance*, Germany.

- 2007-2013 Joint Economic Forecast Project Team (Gemeinschaftsdiagnose). *Ministry of Economics and Technology*, Germany.
- 2012-2013 Report on macroprudential and fiscal policies under a persistent expansionary monetary environment for the German economy. *Ministry of Finance*, Germany.
- 2011-2012 Medium-term economic plan for Dubai 2011-2015 *Government of Dubai, Department for Economic Development*, United Arab Emirates.
- 2011 Report on a possible credit crunch in Germany during the Great Recession. *Ministry of Finance*, Germany.
- 2007 Report on the weak economic performance of the German economy during the years 1995-2005. *Ministry of Economics and Technology*, Germany.

Conferences and workshops with own contributions

- 2018 Presentation at the Bank of England, London, United Kingdom. Presentation at the Modelling Conference at the Bank of Canada, Ottawa, Canada. Presentation at Banco Central de Reserva del Peru, Lima. Presentation on trade protectionism at the ECB Inaugural Trade Network conference, Frankfurt, Germany. 4th PIER workshop on Quantitative Tools for Macroeconomic Policy Analysis at the University of Pennsylvania, Philadelphia, United States. Working Group on Forecasting, Banco de Portugal, Lisbon, Portugal. Presentation at Banco de España, Madrid, Spain.
- 2017 11th International Conference on Computational and Financial Econometrics (CFE), London, United Kingdom. Presentation at Bank of England, London, United Kingdom. Workshop on Monetary Policy Implementation, ECB-CEMLA Workshop, Mexico City, Mexico. IMF Workshop on Advanced Forecasting Techniques, CEMLA, Mexico City, Mexico. Presentation at Sveriges Riksbank, Stockholm, Sweden. Presentation of the ECB Financial Stability Review at Deutsche Bundesbank, Frankfurt, Germany.
- 2016 Conference on the impact of uncertainty shocks. University College London, United Kingdom. CEMLA Workshop for Monetary Policy Managers, Banco de España, Madrid, Spain. 10th International Conference on Computational and Financial Econometrics (CFE), Sevilla, Spain. 14th Emerging Markets Workshop, Banco de España, Madrid, Spain. Presentation of the BEAR toolbox, International Monetary Fund, Federal Reserve Board and the World Bank, Washington D.C., United States. 84th Kiel International Business Cycle Conference, Berlin, Germany. Working Group on Econometric Modeling, Sveriges Riksbank, Stockholm, Sweden.
- 2015 9th International Conference on Computational and Financial Econometrics (CFE), London, United Kingdom. BIS Asian research network conference, Bangkok, Thailand. DIW Macroeconometric Workshop. Advanced Workshop for Central Bankers. Northwestern University, Chicago, United States. CIRET Workshop on Uncertainty, Warsaw, Poland.
- 2014 Conference on Monetary Policy for Emerging Markets, Central Bank of the Philippines, Manila, Philippines. IHS Global Insight, New Year Forecast Meeting, Frankfurt/Main, Germany. Conference on Fiscal Policy, Deutsche Bundesbank, Frankfurt/Main, Germany.
- 2013 7th International Conference on Computational and Financial Econometrics (CFE), London, United Kingdom. Forecasting workshop at the Chinese Academy of Social Science (CASS), Beijing, China. Macro, Banking and Finance Workshop, University of Milan Bicocca, Italy. Presentation of the *Kiel Policy Package to address the crisis in the euro area*, Kiel University, Germany.

- 2012 9th EUROFRAME conference on economic policy issues in the European Union, Kiel, Germany. 3rd ZEW Conference on Recent Developments in Macroeconomics, Mannheim, Germany. 31st CIRET Conference, Vienna, Austria. 5th Global Economic Symposium, Rio de Janeiro, Brazil. Forecasting workshop at the Chinese Academy of Social Science (CASS), Beijing, China. The Rimini Center for Economic Analysis in Canada: After (?) the Storm: Lessons from the Great Recession Rimini, Italy.
- 2011 84th Kiel International Business Cycle Conference, Berlin, Germany. Invited speaker at the ECB staff seminar of the external developments department, Frankfurt/Main, Germany. 4th Global Economic Symposium, Kiel, Germany.
- 2010 Participation in the NBER summer institute, Cambridge, Massachusetts, United States. 3rd Global Economic Symposium, Istanbul, Turkey.
- 2008 1st Global Economic Symposium, Plön, Germany.

Teaching

IMF Workshop on Advanced Forecasting Techniques, CEMLA, Mexico City, Mexico. Bayesian Econometrics and its use in policy analysis. Banco Central de Reserva del Peru, Lima, Peru. Applied international economics. University of the Deutsche Bundesbank, Hachenburg, Germany. The usefulness of Bayesian VARs in economic policy analysis, Bank of Spain, Madrid, Spain. BVAR course for ECB staff members, Frankfurt, Germany. Applied international economics, University of Heidelberg, Germany. Supervisor of PhD thesis at the University Tor Vergata, Rome, Italy; Supervisor of Bachelor theses, University of the Deutsche Bundesbank, Hachenburg, Germany.

Education

- 2007-2013 **PhD**, *Christian-Albrechts-Universität*, Kiel, Germany.
PhD thesis: *Financial stress, uncertainty and economic activity*; Supervisor: Prof. Dr. Joachim Scheide. Grade: Summa cum laude
- 2001-2007 **Diploma**, *Humboldt Universität zu Berlin*, Germany.
Graduate studies in economics and econometrics
Diploma thesis: *Estimation Methods of the Gravity Model of International Trade*
- 2004-2006 **Diploma**, *Ecole Nationale de la Statistique et de l'Administration Economique (ENSAE)*, Malakoff, France.
Graduate studies in econometrics and statistics.

Scholarship and awards

- 2015 Laureate of the Erich-Schneider Prize 2015 for an outstanding Doctoral Thesis, Christian-Albrechts-Universität Kiel, Germany
- 2014 Science Award for the best PhD-thesis in Northern Germany in the field of macroeconomics, Deutsche Bundesbank, Hamburg, Germany.
- 2012 Honorable mention in the best paper award at the 2012 conference of the Centre for International Research on Economic Tendency Surveys (CIRET) in Vienna, Austria.
- 2004-2006 Graduate scholarship of the French-German University.

Languages

Self-assessment European level CEFR (C2 maximum evaluation)

		Understanding		Speaking		Writing
		Listening	Reading	Interaction	Production	
English	C2	<i>C2</i>	<i>C2</i>	<i>C2</i>	<i>C2</i>	<i>C2</i>
French	B2-C1	<i>C1</i>	<i>C2</i>	<i>B2</i>	<i>B2</i>	<i>B2</i>
Spanish	C1	<i>C1</i>	<i>C2</i>	<i>C1</i>	<i>C1</i>	<i>B2</i>
German	C2	<i>C2</i>	<i>C2</i>	<i>C2</i>	<i>C2</i>	<i>C2</i>
Italian	A2	<i>A2</i>	<i>A2</i>	<i>A2</i>	<i>A2</i>	<i>A2</i>

Computer Skills

Econometrics	MATLAB, WinRats, EViews
Statistics	
Simulation	MATLAB, NiGEM, Oxford Model, Dynare, Mathematica
Modeling	
Databases	Thomson Reuters Professional Datastream

Publications, submitted working papers and policy papers

Publications

Dieppe, A., Georgiadis, G., Ricci, M., Van Robays, I. and B. van Roye (2018). The ECB-Global Model *Economic Modeling*, Elsevier, vol. 72(C), pages 78-98.

Floro, D. and B. van Roye (2017). Threshold Effects of Financial Stress on Monetary Policy Rules: A Panel Data Analysis *International Review of Economics and Finance*, Vol. 51, pages 599-620.

Bonciani, D. and B. van Roye (2016). Uncertainty shocks, banking frictions and economic activity, *Journal of Economic Dynamics and Control*, Elsevier, Vol. 73(C), pages 200-219.

Aboura, S. and B. van Roye (2016). Financial stress and economic dynamics: an application for France, *International Economics*, Elsevier, Vol. 149(C), pages 57-73.

Dovern, J. and B. van Roye (2014). International transmission and Business Cycle Effects of Financial Stress, *Journal of Financial Stability*, Elsevier, vol. 13(C), pages 1-17.

van Roye, B. (2013). Financial stress and economic activity in Germany (2013). *Empirica*, DOI 10.1007/s10663-013-9224-0, Springer US.

Kooths, S. and B. van Roye (2012). Nationale Geldschöpfung zersetzt den Euroraum, *Wirtschaftsdienst*, 92, Springer Verlag, 520-527.

Submitted working papers

Dieppe, A., Legrand, R. and B. van Roye (2016). The BEAR Toolbox, *ECB Working Paper 1934*, European Central Bank.

Kooths, S. and B. van Roye (2012). Single currency, national money creation, *Kiel Working Paper*, 1787, The Kiel Institute for the World Economy.

Utlaut, J. and B. van Roye (2010). The Effects of External Shocks on Business Cycles in Emerging Asia: A Bayesian VAR approach, *Kiel Working Paper*, 1668, Kiel Institute for the World Economy.

van Roye, B. and D. Wesselbaum (2009). Capital, Endogenous Separations, and the Business Cycle, *Kiel Working Paper*, 1561, Kiel Institute for the World Economy.

Policy papers

Snower, D., J. Boysen-Hogrefe, K.-J. Gern, H. Klodt, S. Kooths, C.-F. Laaser, C. Reicher, B. van Roye, J. Scheide, and K. Schrader (2013). The Kiel Policy Package to Address the Crisis in the Euro Area, *Kiel Policy Brief*, 58a, The Kiel Institute for the World Economy.

Kooths, S. and B. van Roye (2011). Euroraum: Gemeinsames Währung, Nationales Geld, *Kiel Policy Brief*, 51, The Kiel Institute for the World Economy.

Gern, K.-J., B. van Roye, and J. Scheide (2011). Higher Inflation in China: Risks for Inflation and Output in Advanced Economies, *Kiel Policy Brief*, 36, The Kiel Institute for the World Economy.

Groll, D. and B. van Roye (2011). Price Competitiveness Divergence in the Euro Area: the Level Matters! *Kiel Policy Brief*, 24, The Kiel Institute for the World Economy.

Dovern, J., D. Groll, J. Boysen-Hogrefe, B. van Roye, and J. Scheide (2010). Droht in Deutschland eine Kreditklemme. *Kieler Diskussionsbeiträge* 472/473, The Kiel Institute for the World Economy.

Boss, A., J. Dovern, K.-J. Gern, N. Jannsen, C.-P. Meier, B. van Roye and J. Scheide (2009). Ursachen der Wachstumsschwäche in Deutschland 1995- 2005. *Kieler Beiträge zur Wirtschaftspolitik*, 2, The Kiel Institute for the World Economy.

van Roye, B. and D. Wesselbaum (2009). Estimating the Impact of Fiscal Stimulus Packages. In Klodt, H., and H. Lehment (2009). The Crisis and Beyond. *Kiel Institute E-Books* (44-49), 24, The Kiel Institute for the World Economy.

Forecasting reports

2007-today Quarterly publication of forecasting reports for the world economy, the euro area and Germany. Publication list is available upon request.

Refereeing activities

Journals Journal of Banking and Finance, Journal of Economic Dynamics and Control, Economic Modelling, Journal of Financial Stability, Macroeconomic Dynamics, International Review of Economics and Finance.

Internships

- 11/2006- Database management, Mortgage Backed Securities, CDOs, financial services at
- 11/2007 *Hypoport AG, The Finance Integrator*, Berlin, Germany.
- 06/2006- Time Series analysis, statistics, and project coordination at *ESCO Compañia de*
- 08/2006 *Servicios de Energia*, Lima, Peru.
- 06/2004- Financial Statistics and project planning at the *Deutsche Bundesstiftung Umwelt, DBU*
- 07/2004 in Osnabrück, Germany.
- 07/2003- Project Management and writing proposals to the United Nations at *Eco Project Ltd*,
- 08/2003 Scarborough, Trinidad & Tobago.

- 07/2002- Assistant to the management board at *Siemens Ltd*, Bangkok, Thailand.
08/2002
- 06/2001- Assistant to the legal affairs department at the *Embassy of the Federal Republic of*
07/2001 *Germany* in Colombo, Sri Lanka.

References

- L. Stracca, *Deputy Director General, Directorate General International and European Relations, ECB*, Germany. (E-Mail: livio.stracca@ecb.europa.eu)
- B. Schnatz *Deputy Head of Division, External Developments Division, ECB*, Germany. (E-Mail: bernd.schnatz@ecb.europa.eu)
- Prof. Dr. Stefan Kooths, *Head of the forecasting center, The Kiel Institute for the World Economy*, Germany. (E-Mail: stefan.kooths@ifw-kiel.de)

Interests and Hobbies

Traveling, Tennis, Soccer, Windsurfing, Kitesurfing, Guitar.