

Curriculum Vitae

Jan Brůha,

Date and place of birth: 27.5.1976, Šternberk, Czech Republic
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Education

- (2005/06) PhD in Econometrics, University of Economics of Prague
- (2000/03) Ing. (equivalent to Master Degree) in Econometrics and Management Science, University of Economics of Prague

Employment

- (2015/02 - now) Czech National Bank, Economic Research Department, Research Coordinator
- (2009/09-2015/01) Czech National Bank, Macroeconomic Forecasting Department, Senior economist
- (2005/01-2009/08) Czech National Bank, External Relation Department, Economist
- (2004/09 – 2005/02) Economic Institute of the Czech Academy of Science, Junior researcher
- Short stays at the ECB under the ESCB/IO programs (2006/09-2006/11, 2009/04-2009/07)

Publications (selection)

- (with J. Polansky) The Housing Sector over Business Cycles: Empirical Analysis and DSGE Modelling, CNB WP 12/2014
- (with J. Tonner) The Czech Housing Market Through the Lens of a DSGE Model Containing Collateral-Constrained Households, CNB WP 9/2014
- (with B. Pierluigi and R. Serafini) "Euro area labour markets: Different reaction to shocks?" Journal of Banking and Financial Economics 2(2), 34-60, 2014, previous version: ECB working, paper 1284, January, 2011.
<http://www.ecb.int/pub/pdf/scpwps/ecbwp1284.pdf>
- (with T. Hledik, T. Holub, J. Polansky, J. Tonner), 2013. "Incorporating Judgments and Dealing with Data Uncertainty in Forecasting at the Czech National Bank," CNB Research and Policy Notes 2013/02.
http://www.cnb.cz/cs/vyzkum/vyzkum_publicace/rpn/2013/c_rpn_02_2013.html
- (with Michal Hlavacek, Lubos Komarek), 2013. "Impacts of housing prices on the financial position of households," CNB Financial Stability Report 2012/2013, pp. 120-127
http://www.cnb.cz/en/financial_stability/fs_reports/fsr_2012-2013/fsr_2012-2013_article_iv.pdf
- (with M. Andrlle and S. Serhat): "Inflation and Output Comovement in the Euro Area: Love at Second Sight?" IMF Working Papers 13/192, International Monetary Fund.
<http://www.imf.org/external/pubs/ft/wp/2013/wp13192.pdf>
- "An Empirical Small Labor Market Model for the Czech Economy," Czech Journal of Economics and Finance 5/2011, pp. 434-452.
- (with J. Podpiera): "The Dynamics of Economic Convergence: The Role of Alternative Investment Decisions," Journal of Economic Dynamics and Control 35(7), pp. 1032-1044. ISSN: 0165-1889.
- "Retail Credit Premiums and Macroeconomic Developments," CNB Financial Stability Report 2010/2011, pp. 133-140.
http://www.cnb.cz/en/financial_stability/fs_reports/fsr_2010-2011/fsr_2010-2011_article_4.pdf

- (with J. Podpiera): "*Real Exchange Rate in Emerging Economies: The Role of Different Investment Margins*," *Economics of Transition* vol. 18 (3), July 2010, pp. 599–628, ISSN: 0967-0750.
- (with D. Ionascu, B. Jeong) "*Organized Labour and Restructuring: Coal Mines in the Czech Republic and Romania*," chapter in F.E. Caroleo, F. Pastore (Eds.): *The Labour Market Impact of the EU Enlargement. A New Regional Geography of Europe?* Physica Verlag, ISBN: 978-3-7908-2163-5, 2010.
- (with J. Podpiera, S. Polak): "*The Convergence Dynamics of a Transition Economy: The Case of the Czech Republic*," *Economic Modelling* Vol. 27 (1), January 2010, pp. 116-124, , ISSN: 0264-9993.
- (with B. Jeong and D. Ionascu): "*Organized Labor and Restructuring: Coal Mining in the Czech Republic and Romania*." *Czech Journal of Economics and Finance*, vol. 57(5-6), pp. 272-291, August, 2007.

Work-in-progress:

- (with J. Polanský): "*Empirical Analysis of Labour Markets: An International Comparison*," (to be submitted to the CNB WP series), presented at the WGEM Meeting, June 2014, Lymassol, Cyprus.
- "*Practical forecasting near the zero lower bound with the CNB core model g3*," presented at the WGEM meeting, March 2013, (a new version to be submitted to the CNB WP series)
- (with Andrlé M., and S. Solmaz): "*On the Sources of Business-cycle Fluctuations: The Case for demand Drive Fluctuations*" CNB and IMF draft, presented at the 20th International Conference „Computing in Economics and Finance“ Oslo, Norway, June 2014
Draft available at http://michalandrle.weebly.com/uploads/1/3/9/2/13921270/gaps_real.pdf
- (with Andrlé M.): "*Learning about Monetary Policy using VARs? Some Pitfalls and Solutions*" (CNB and IMF draft), slides available at:
http://michalandrle.weebly.com/uploads/1/3/9/2/13921270/andrlebruha_svar_interim_2014_v03.pdf

Software skills:

- OpenOffice, MsOffice
- LaTeX
- Strong knowledge of Matlab and Octave
- Knowledge of Fortran and R

Awards

- Olga Radzyner Award by the Oesterreichische Nationalbank (Austrian National Bank), 2007
http://www.oenb.at/en/ueber_die_oenb/foerderung/stipendien/radzyner/radzyner.jsp

Knowledge of languages:

- Czech (native speaker)
- English (fluent)
- Spanish, Italian, French (intermediate)
 - Classical Languages: (Ancient Greek, Latin)

Professional Interests

- Macroeconomics, Labour Economics, Economic growth and convergence
- Application of numerical methods in econometrics
- Bayesian econometrics