

# JAN ŽÁČEK

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## RESEARCH INTERESTS

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MAIN FIELDS           DSGE Modelling, Macroeconomics, Monetary Economics, Time Series Econometrics  
SUB-FIELDS            Forecasting, Inflation Targeting

## ACADEMIA AND RESEARCH

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10/2020 - PRESENT    Postdoctoral Fellow at CZECH ACADEMY OF SCIENCES  
*Institute of Information Theory and Automation*  
10/2020 - PRESENT    Adjunct Lecturer at CHARLES UNIVERSITY  
*Institute of Economic Studies, Department of Macroeconomics and Econometrics*  
08/2018 - 11/2018    Visiting Scholar at Columbia University in the City of New York  
*School of International and Public Affairs*  
02/2015 - 09/2020    Teaching Assistant and Junior Researcher at CHARLES UNIVERSITY  
*Institute of Economic Studies, Department of Macroeconomics and Econometrics*

## TEACHING EXPERIENCE

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2019 - PRESENT        New Keynesian DSGE Modelling – *lectures and seminars*           (Masters)  
2018                    Monetary Economics – *seminars*                                       (Masters)  
2017 - 2020            International Macroeconomics – *seminars*                           (Masters)  
2016 - 2018            Advanced Macroeconomics – *seminars*                               (Masters)  
2015 - 2016            Introduction to Statistics – *seminars*                               (Bachelors)  
2015 - 2016            Introduction to Logic and Mathematics – *seminars*               (Bachelors)

## EDUCATION

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10/2016 - 09/2021    Ph.D. in Economics, CHARLES UNIVERSITY  
*Essays on Monetary Policy (supervisor T. Holub)*  
10/2014 - 06/2016    Mgr. (MSc. equivalent) in Economics, CHARLES UNIVERSITY  
*Should monetary policy pay attention to financial stability? A DSGE approach (supervisor T. Holub)*  
10/2011 - 06/2014    Bc. (BSc. equivalent) in Economics, CHARLES UNIVERSITY  
*Fed's and ECB's Monetary Policy During the Crisis - Differences and Their Reasons (supervisor T. Holub)*

## WORKSHOPS AND TRAINING

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09/2020                Continuous-time Methods in Macroeconomics, EABCN  
06/2018                Dynare Summer School 2018, BANQUE DE FRANCE  
06/2017                QUEST Model Workshop, EUROPEAN COMMISSION

## CONFERENCES

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05/2018	ICEI 2018, CZECH REPUBLIC
11/2017	Evaluating ESI Funds in the Czech Republic: from Knowledge to Decision Making, CZECH REPUBLIC
06/2017	1st Research Conference of the CEPR Network on Macroeconomic Modelling and Model Comparison (MMCN), GERMANY

## PUBLICATIONS

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1. Monetary Policy and the Financial Cycle: International Evidence. *Czech National Bank Working Paper*, x/2021. (co-authored) *under review*
2. The g3+ Model: An Upgrade of the Czech National Bank's Core Forecasting Framework. *Czech National Bank Working Paper*, 7/2020. (co-authored)
3. Should Monetary Policy Lean Against the Wind? Simulations based on a DSGE Model with an Occasionally Binding Credit Constraint. *Economic Modelling*, 88, 293-311, 2020.
4. Financial Variables in a Policy Rule: Does It Bring Macroeconomic Benefits? *Finance a úvěr – Czech Journal of Economics and Finance*, 69(2), 122-148, 2019.
5. The Impact of EU Funds on Regional Economic Growth of the Czech Republic. *Finance a úvěr – Czech Journal of Economics and Finance*, 69(1), 76-94, 2019. (co-authored)

## GRANT SUPPORT

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01/2020 - 12/2022	Economic Policy in Times of Uncertainty – <i>collaborator</i> THE CZECH SCIENCE FOUNDATION
01/2018 - 01/2019	Taylor Rule and Financial Variables: the Role of non-Linearities in a DSGE Model FACULTY OF SOCIAL SCIENCES, CHARLES UNIVERSITY

## AWARDS

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02/2021	Economic Research Award, CZECH NATIONAL BANK
12/2018	Young Economist of the Year Award – 2nd Place, CZECH ECONOMIC SOCIETY
11/2016	Karel Engliš Prize, CZECH ECONOMIC SOCIETY

## PROFESSIONAL SERVICES

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REFEREEING	Prague Economic Papers, International Journal of Finance and Economics
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## PC SOFTWARE AND PROGRAMMING

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CODING	Python, R, SQL, VBA
COMPUTATIONAL	Dynare, IRIS, Matlab, RStudio, Stata
DATABASES	MySQL
OFFICE	MS Office Excel, MS Office PowerPoint, MS Office Word
TEXT EDITORS	L <sup>A</sup> T <sub>E</sub> X

## LANGUAGE SKILLS

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CZECH	Native
ENGLISH	Full professional proficiency
GERMAN	Limited working proficiency