

UNIVERSITY OF CAMBRIDGE

Placement Director: Dr Aytek Erdil	nae25@cam.ac.uk	+44(0)1223 335 198
Placement Director: Prof Kaivan Munshi	munshi@cam.ac.uk	+44(0)1223 335 251
Graduate Administrator: Louise Cross	louise@econ.cam.ac.uk	+44(0)1223 335 206

Contact Information

Address: Tel: +44 755 3904 282
Faculty of Economics, Sidgwick Avenue Web: <http://people.ds.cam.ac.uk/fr282/>
Cambridge, CB3 9DD, United Kingdom Email: fr282@cam.ac.uk

Personal Information: Nationality: Czech; Date of birth: 9 Mar 1983; Marital Status: Single

Education:

PhD, Economics, University of Cambridge, UK, 2015 (expected)
Thesis Title: "Essays in Dynamic Macroeconomics"
MSc, Economics, London School of Economics, London, UK, 2009
MSc, Economics, Charles University, Prague, 2008
BSc, Mathematics, Charles University, Prague, 2006
BSc, Economics, Charles University, Prague, 2005

References

Dr Chryssi Giannitsarou University of Cambridge +44 1223 762 976 cg349@cam.ac.uk	Dr Vasco Carvalho University of Cambridge +44 1223 335 389 vmpmdc2@cam.ac.uk
Prof Wouter den Haan London School of Economics +44 2079 557 669 w.denhaan@lse.ac.uk	Prof Giancarlo Corsetti University of Cambridge +44 1223 335 235 gc422@cam.ac.uk

Research and Teaching Fields:

Primary field: Macroeconomics
Secondary fields: Heterogeneous agents models, numerical methods

Teaching Experience:

Aug 2014	Macroeconomic Methods, LSE, TA for Prof den Haan
2011-2012	Macroeconomics, Cambridge, TA for Dr Impullitti and Dr Rendahl
2009-2010	Macro Principles, LSE, TA for Dr Sheedy and Dr Ngai

Research Experience and Other Employment:

2012-2013	Stanford University, Visiting PhD Student
2009-2010	LSE, Research assistant
2008 2010	Czech National Bank, external researcher
2007-2008	Czech National Bank, research assistant

Professional Activities

Referee: Journal of International Economics, B.E. Journal of Macroeconomics
Cambridge Macro reading group organizer (2011-2014)
Charles University thesis supervision (2012)

Honors, Scholarships, and Fellowships:

2010 - present	Bakala Scholarship
2013	Raymond Burton Scholarship
2012	St Edmund's College, American Alumni scholarship

Research Papers:

“Schumpeterian business cycles” (Job Market Paper)

This paper presents an economy where business cycles and long term growth are both endogenously generated by the same type of iid shocks. I embed a multi-sector real business cycle model into an endogenous growth framework where innovating firms replace incumbent production firms. The only source of uncertainty is the imperfectly observed quality of innovation projects. As long as the goods are complements, a successful innovation in one sector increases demand for the output of other sectors. Higher profits motivate higher innovation efforts in the other sectors. The increase in productivity in one sector is thus followed by increases in productivity in the other sectors and the initial innovation generates persistent movement in aggregate productivity.

“The Optimal Monetary Policy Rule: the Role of Asymmetries and Reputation”

I study the optimal policy rule of a central bank under an asymmetric information and reputation building setting. I find that the optimal reaction function is nonlinear, despite a standard quadratic loss function and linear Phillips curve. The asymmetry arises from the signal extraction problem of the agents. Given this setting, I analyze the propositions of Rogoff and Blinder how to solve inflationary bias. I find that in the both cases the optimal policy function is nonlinear. Furthermore, the Blinder setting delivers higher value of social welfare.

Work in progress:

Income Expectations and Consumption Choices over the Business Cycle (with Kathrin Schlafmann)

Using symbolic math toolbox to speed up projection based algorithms

Presentations

EDGE workshop Copenhagen (Sep 2014), Doctoral Workshop on Dynamic Macroeconomics Strasbourg (Jun 2014), Cambridge Macro Workshop (May 2014), ZICE (Feb 2014), Stanford Macro lunch seminar (March Apr 2013), Stanford Finance reading group (Apr 2013), Royal Economic Society Annual Conference (Mar 2012)