

SZABOLCS DEÁK

CONTACT INFORMATION

School of Economics
University of Surrey
Guildford GU2 7XH
UK

Office: +44 (0)1483 682782
Mobile: +44 (0)7900 985141
E-mail: s.deak@surrey.ac.uk
Website: www.szabolcsdeak.com

Citizenship: Hungarian

Date of birth: 20/10/1972

Gender: Male

EDUCATION

2006-2011 PhD in Economics, Università Bocconi, Milan (Italy)
2005-2006 Special student, PhD in Economics, Università Bocconi, Milan (Italy)
1994-1999 MSc in Economics, University of Szeged (Hungary)
1991-1994 BSc in Software Information Technology, University of Szeged (Hungary)

POSITIONS AND AFFILIATIONS

2013- Research Fellow, Centre for International Macroeconomic Studies, School of Economics, University of Surrey, Guildford (UK)
2011-2013 Jean Monnet Postdoctoral Fellow, Robert Schuman Centre for Advanced Studies, European University Institute, Florence (Italy)
2010-2011 Trainee, Monetary Policy Research Division, European Central Bank, Frankfurt am Main (Germany)
2004-2005 Senior Lecturer, Faculty of Economics and Business Administration, University of Szeged (Hungary)
2002-2003 Visiting fellow, University of Southampton (United Kingdom)
2000-2004 Lecturer, Faculty of Economics and Business Administration, University of Szeged (Hungary)
1999-2000 Research Fellow, Faculty of Economics and Business Administration, University of Szeged (Hungary)

SCHOLARSHIPS

2011, 2012 Jean Monnet Postdoctoral Fellowship
2005 Eötvös Scholarship of the Hungarian Republic
2002 Marie Curie Research Fellowship
1996, 1997, 1998 Graduate Scholarship of the Hungarian Republic

TEACHING EXPERIENCE

Fall 2008, Fall 2009, Fall 2010 TA, Advanced Macroeconomics, Prof. F. Giavazzi and Prof. L. Sala, MSc in Economics and Social Sciences 2nd year course
Fall 2007, Spring 2010 TA, Numerical Methods, Prof. M. Maffezzoli, PhD in Economics 2nd year course
Fall 2007, Fall 2008, Fall 2009 TA, Macroeconomics II, Prof. M. Maffezzoli, PhD in Economics 1st year course
Fall 2007, Fall 2008 TA, Macroeconomics I, Prof. N. Pavoni, PhD in Economics 1st year course
Spring 2005, Spring 2006, Spring 2007 Instructor, Financial Econometrics, Prof. C. Favero, MSc in Finance 2nd year course

SKILLS

Languages Hungarian (native), English (fluent)
Computer Microsoft Word, Excel and PowerPoint, MATLAB and Dynare, LaTeX, Maple, Eviews, C/C++, CUDA C, Jacket

RESEARCH INTEREST

Macroeconomics, Fiscal Policy, Monetary Economics, Computational Economics

PUBLICATIONS

LSM: A DSGE Model for Luxembourg, joint with L. Fontagné, M. Maffezzoli and M. Marcellino, *Economic Modelling*, 28, 6 (November), 2862-2872, 2011

WORKING PAPERS

The Fiscal Multiplier and the State of Public Finances, joint with Andreja Lenarčič, mimeo 2012

The Banking and Distribution Sectors in a Small Open Economy DSGE Model, joint with L. Fontagné, M. Maffezzoli and M. Marcellino, EUI Working Paper RSCAS 2012/53, under review, 2012

LSM2: un modèle avec secteur bancaire pour le Luxembourg, joint with L. Fontagné, M. Maffezzoli and M. Marcellino, mimeo, 2012

Labour and Product Market Reforms in a Very Small Open Economy, joint with L. Fontagné, M. Maffezzoli and M. Marcellino, mimeo, 2011

Tax Cuts in Open Economies, joint with A. Cuñat and M. Maffezzoli, invited for resubmission at the *Journal of Economic Theory*, 2010

WORK IN PROGRESS

Fiscal policy and hidden labor market, joint with Á. Abraham

Short abstract: We aim to quantify how the presence of hidden labor market activity can alter the efficacy of fiscal policy in achieving its goals. In particular, we focus on how the marginal propensity to engage into such activities affect the government's ability to meet its revenue target.

Solving the incomplete markets model with aggregate uncertainty using GPUs, joint with J. F. Rubio-Ramírez and J. Fernandez-Villaverde

Short abstract: The aim of the paper is to combine the robustness and ease of implementation of discrete value function iteration, the convenience of Matlab's high level language and the power of graphics processing units (GPUs) to solve heterogeneous agent models with aggregate uncertainty. We develop an algorithm to solve the model of Krussel and Smith and compare its speed and accuracy to other methods in the literature.

REFERENCES

Professor Marco Maffezzoli marco.maffezzoli@unibocconi.it
Department of Economics, Università Bocconi, Via Roentgen 1, I-20136 Milano

Professor Carlo Favero carlo.favero@unibocconi.it
Department of Finance, Università Bocconi, Via Roentgen 1, I-20136 Milano

Professor Francesco Giavazzi francesco.giavazzi@unibocconi.it
Department of Economics, Università Bocconi, Via Roentgen 1, I-20136 Milano
Department of Economics, MIT, E52-383-A, Cambridge, MA 02139

Professor Massimiliano Marcellino massimiliano.marcellino@eui.eu
Department of Economics, EUI, Villa San Paolo, via della Piazzuola 43, I-50133 Florence