

# CURRICULUM VITAE

DALIBOR STEVANOVIĆ

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## CONTACT

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[www.eui.eu/ProgrammesAndFellowships/MaxWeberProgramme/People/MaxWeberFellows/Fellows2011-2012/Stevanovic.aspx](http://www.eui.eu/ProgrammesAndFellowships/MaxWeberProgramme/People/MaxWeberFellows/Fellows2011-2012/Stevanovic.aspx)

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## PERSONAL DETAILS

Gender: Male

Present Citizenship: Canadian

Language: French, English, Serbian (native)

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## EDUCATION

- 2010-2011            Visiting scholar  
                         Economics Department, University of Pennsylvania  
                         Supervisor: Francis X. Diebold
- 2006-2011(expected)    Ph.D. Economics  
                         Université de Montréal  
                         Thesis: *Factor models, VARMA processes and structural instability with applications in macroeconomics*  
                         Supervisors: Jean Boivin and Jean-Marie Dufour  
                         Specialization: Econometrics, Macroeconomics
- 2004-2006            M.A. Economics  
                         Université Laval
- 2000-2004            B.A. Economics  
                         Université Laval
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## THESIS

My research deals with structural factor analysis and VARMA modeling. The main applications are in macroeconomics: measuring the effects of monetary policy shock and of credit shock, and forecasting macroeconomic aggregates. Finally, I work on a new approach to detect and estimate common sources of parameter instability in macroeconomic models.

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## RESEARCH FIELDS

Econometrics, Macroeconomics

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## WORKING EXPERIENCE

- 2009                    Consultant: Department of Finance, Québec
- Implementation of forecasting models in data-rich environment
- 2008-2009            Research assistant: Université de Montréal and HEC Montréal
- “The evolution of the U.S. monetary transmission mechanism ” by Jean Boivin, Micheal T. Kiley and Frederic S. Mishkin (in *Handbook of Monetary Economics*)
  - “Ideology and Endogenous Constitutions ” by Alessandro Riboni
- 2005                    Economist: Department of Finance, Canada
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## TEACHING EXPERIENCE

Teaching assistant

- 2007-2010            Macroeconomics A and B (First year Ph.D. courses, Université de Montréal)  
Empirical methods in macroeconomics and finance (Ph.D. course, HEC Montréal)
- 2002-2004            Principles of microeconomic theory, Principles of macroeconomic theory, Macroeconomic theory I and II, Energy and international economic problems (Undergraduate courses, Université Laval)
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## WORKING PAPERS

- “Common Sources of Parameters Instability in Macroeconomic Models: A Factor-TVP Approach”, (2010), Mimeo, Université de Montréal.
- “Factor Time Varying Parameter Model”, (2010), Mimeo, Université de Montréal.
- “Dynamic Effects of Credit Shock in a Data-Rich Environment”, (2010), Mimeo, Université de Montréal, (with Jean Boivin and Marc Giannoni). [*To be submitted*]
- “Monetary Transmission in a Small Open Economy: More Data, Fewer Puzzles”, (2010), Mimeo, Université de Montréal, (with Jean Boivin and Marc Giannoni). [*To be submitted*]
- “Factor-augmented VARMA models: identification, estimation, forecasting and impulse responses”, (2010), Mimeo, Université de Montréal, (with Jean-Marie Dufour). [*Submitted*]
- “Measuring the effect of credit shock in Canada: a factor-augmented VARMA approach”, (2010), Mimeo, Université de Montréal, (with Nathan Bedock). [*Submitted*]
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## WORK IN PROGRESS

- “Technology shocks and labor market in a data-rich environment”
- “Modeling common sources of parameter instability in macroeconomics and finance”
- “Forecasting in the presence of common sources of parameter instability”

“Estimating the dynamic effects of common and idiosyncratic shocks”, (with Serena Ng)

“Factorial decomposition, approximate factors and time series”, (with Jean-Marie Dufour)

“Dynamic effects of bank capital in data-rich environment”, (with Jean-Stéphane Mesonnier)

“News shocks and VARMA processes”, (with Gabriel Bruneau)

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## PREVIOUS WORK

“Logit Mixture Modeling of Home-to-Work Travel Choice in the Greater Toronto Area”, (2007), Master Thesis, Université Laval, (supervised by Denis Bolduc)

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## PROCEEDINGS

“Analyse du choix modal concernant les déplacements domicile-travail à l’aide d’un modèle logit mixte”, *Revue des routes & transports*, volume Le choix du développement durable, June 2007.

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## PAPERS PRESENTED AT CONFERENCES AND SEMINARS

“Common Sources of Parameter Instability in Macroeconomic Models: A Factor-TVP Approach”

- Columbia econometrics colloquium, Columbia University, April 2011
- Penn econometrics lunch workshop, University of Pennsylvania, December 2010

“Factor-augmented VARMA models: identification, estimation, forecasting and impulse responses”

- Penn econometrics lunch workshop, University of Pennsylvania, April 2011
- Factor Models in Economics and Finance, Cass Business School, London, December 2009
- Canadian Econometric Study Group Conference, Ottawa, September 2009
- NBER-NSF Time Series Conference, Davis, September 2009
- Third Time Series CIREQ Conference, Montréal, May 2009

“Dynamic effects of credit shocks in a data-rich environment”

- Econometric Society Winter Meetings, Denver, January 2011
- 4th Time Series CIREQ Conference, Montréal, May 2010
- 44th Annual Meeting of the CEA, Québec, May 2010
- 49e Congrès de la SCSE, Mont St-Gabriel, May 2009
- Third Annual Student Conference on Business Research, HEC Montréal, Montréal, April 2009

“Monetary Transmission in a Small Open Economy: More Data, Fewer Puzzles”

- Macroeconomics Brown Bag Seminars, Université de Montréal, Montréal, November 2008
  - 14th International Conference on Computing in Economics and Finance, University of Sorbonne, Paris, June 2008
  - 42nd Annual Meeting of the CEA, University of British Columbia, Vancouver, June 2008
  - 4th CIREQ Ph.D. Students’ Conference, McGill University, Montréal, May 2008
  - Second Annual Student Conference on Business Research, HEC Montréal, Montréal, April 2008
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## CONFERENCE ORGANIZATION

Workshops on “Factor analysis in economics and finance”, within Annual Meetings of the CEA, Quebec City in May 2010 and Ottawa in June 2011

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## REFEREE

*Review of Economics and Statistics, Journal of Applied Econometrics, Canadian Journal of Economics, Journal of Applied Economics*

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## AWARDS AND SCHOLARSHIPS

2010-2011	Bourse de fin de doctorat Université de Montréal
2007-2010	Canada Graduate Scholarship: Doctoral Scholarship Social Sciences and Humanities Research Council of Canada
2006-2007	PhD First Year Scholarship Department of Economics, Université de Montréal
April 2007	AIPCR contest: second price
April 2007	AQTR Scholarship
2004-2005	M.A. Scholarship Department of Economics, Université Laval

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## SUMMER SCHOOLS AND INSTITUTES

2008	NBER Summer Institute: What's new in econometrics - time series Cambridge, Massachusetts
2007	CEMFI Summer School: Solving and Estimation of DSGE Models Madrid
2006	PIMS-CMM Summer School: Frontiers in Mathematics and Economics University of British Columbia, Vancouver

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## REFERENCES

### **Jean Boivin**

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### **Marc Giannoni**

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### **Jean-Marie Dufour**

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### **Francis X. Diebold**

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