

CURRICULUM VITAE

September 2011

Last name: JUILLARD
First name: Michel
Date of birth: December 14, 1954
Place of birth: Geneva, Switzerland
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Present Positions

since September 1, 2008: **Adviser**, Bank of France
31 rue Croix des Petits Champs
75001 Paris, France
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Diplomas

1988. **PhD in Economics**. University of Geneva,
Department of Econometrics.
Thesis: "A scheme of reproduction for the U.S.
economy: 1948-1980".
1979. **Masters in Econometrics**. University of
Geneva, Department of Econometrics.
Thesis: "An attempt to global determination of
Social Security pensions."
1976. **Licence in Economics**. University of Geneva,
Department of Econometrics.

Previous Positions

june 1994: – December 2010	Researcher , CEPREMAP
September 1992 – August 2008	Associate Professor , Department of Economics, University Paris VIII.
January 1987 – August 1992	Lecturer , Department of Economics. Director of the Academic Computing Center, New School for Social Research, New York.
November 1991 – January 1992	Visiting Lecturer , University Paris XIII, France.
December 1986 – February 1987	Visiting Lecturer , University Paris XIII, France.
1986	Instructor , Department of Economics. Acting Director of the Academic Computing Center, New School for Social Research, New York.
1983 – 1985	Adjunct Instructor , Department of Economics, New School for Social Research, New York.
1982 – 1983	Associate Researcher , Institute for Economic Analysis, New York University.
1981	Research assistant , Institute for Economic Analysis, New York University.
1977 – 1981	Assistant , Department of Econometrics, University de Geneva, Switzerland.

Consultancy

2001–2008	Research Department, IMF, Washington, DC.
2006	Bank of England, London, UK.
2005	Bank of Canada, Ottawa, Canada.
2005	European Central Bank, Frankfurt, Germany.
2005	Bank of Finland, Helsinki, Finland.
2004–2006	European Commission Joint Research Center, Ispra, Italy.
2003–2005	Norges Bank, Oslo, Norway.
1998	Research Department, IMF, Washington, DC.
1997	Intex Solutions, Boston.
1995	Research Department, IMF, Washington, DC.

Training

June 2009	Dynare Summer School.
June 2008	Dynare Summer School.
June 2007	Dynare Summer School.
June 2006	Dynare Summer School.
October 2005	with S. Adjemian, T. Sargent and T. Zha, Dynare workshop on learning and monetary policy.
October 2005	Introduction to Dynare. ECB, Frankfurt.
September 2005	Introduction to Dynare. Bank of Belgium, Brussels
May 2005	Dynare workshop on Bayesian estimation of DSGE models. Bank of Portugal, Lisbon.
November 2004	Dynare workshop on Bayesian estimation of DSGE models. ECB, Frankfurt.
June 2004	Dynare workshop on Bayesian estimation of DSGE models. CEPREMAP, Paris.
February 2004	Dynare workshop on Bayesian estimation of DSGE models. CEPREMAP, Paris.
June 2003	Workshop on DSGE Models. Bank of Finland, Helsinki.

Editorial responsibilities

2010	Advisory editor <i>Journal of Economic Dynamics and Control</i> .
2007-2009	Co-editor <i>Journal of Economic Dynamics and Control</i> .
2002-present	Associate Editor <i>Economic Modeling</i> .
2001-2006	Associate Editor <i>Journal of Economic Dynamics and Control</i> .
2001-present	Associate Editor <i>Computational Economics</i> .
Reports for	<i>Econometrica</i> , <i>Economic Modeling</i> , <i>Journal of Economic Dynamics and Control</i> , <i>Journal of Public Economics</i> .

Research administration

2007-present	Director of DSGE-net, an international research network on DSGE modelling, fiscal and monetary policy.
2006	Organizer for the Dynare conference <i>Estimation of DSGE models</i> . University Paris 1, September 2006.
2006	Co-organizer of the “Twelfth International Conference on Computing in Economics and Finance”. Immassol, June 2006.
2002	Co-organizer of the “Eighth International Conference on Computing in Economics and Finance”. Aix-en-Provence, June 2002.
2000	Co-organizer of the “Sixth International Conference on Computing in Economics and Finance”. Barcelona, June 2000.

Research administration (continued)

2006-2008	Member of the Advisory Committee of the Society for Computational Economics.
1998-2001	Member of the Advisory Committee of the Society for Computational Economics.

Scholarships

1981 – 1983	Swiss National Fund for Scientific Research.
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Languages

French, English.

Papers, Publications and Presentations

'Dynare Reference Manual, Version 4' with S. Adjemian, H. Bastani, F. Mihoubi, G. Perendia, M. Ratto, and S. Villemot, Dynare Working Paper, No. 1, CEPREMAP, 2011.

'A Small Quarterly Multi-Country Projection Model with Financial-Real Linkages and Oil Prices' with Carabenciov, I., Ermolaev, I., Freedman, C., Kamenik, O., Korshunov, D., Laxton, D., and Laxton, J., IMF Working Paper, WP/08/280, 2008.

'A small quarterly multi-country projection model', with Carabenciov, I., Ermolaev, I., Freedman, C., Kamenik, O., Korshunov, D., Laxton, D. and Laxton, J., IMF Working Paper, WP/08/279, 2008

'A small quarterly projection model of the US economy' with Carabenciov, I., Ermolaev, I., Freedman, C., Kamenik, O., Korshunov, D., and Laxton, D., IMF Working Paper, WP/08/278, 2008.

'Optimal fiscal policy simulations of macroeconomic models' with F. Pelgrin. Bank of Canada Working Paper 2007-32, 2007.

"Pension reforms in Europe: An investigation with a computable OLG world model" with M. Aglietta, J. Chateau, J. Fayolle, J. Le Cacheux, G. Le Garrec, V. Touzé in *Economic Modelling*, 24, pp. 481-505, 2007.

"Computing Ramsey policy with Dynare." Paper presented at the Federal Reserve Bank of Atlanta, February 2007.

"The Larger Europe: Technological Convergence and Labour Migration" with M. Aglietta, V. Borgy, J. Chateau, J. Le Cacheux, G. Le Garrec, V. Touzé. *Revue Economique*, 57, pp. 823-850, 2006.

Papers, Publications and Presentations (continued)

“An Alternative to Stationarization.” Paper presented to the “Twelfth Conference on Computing in Economics and Finance”, Limassol, Cyprus, June 2006.

“Dynare Version 4”. Paper presented to the conference “Practical issues in DSGE modeling at central banks,” Bank of Finland, June 2006.

“Measure of Potential Output from an Estimated DSGE Model of the United States” with O. Kamenik, M. Kumhof, D. Laxton. Paper presented to the workshop “Regards sur la croissance de la production potentielle et de la productivité” organized by Bank of France and Bank of Canada, Enghiens-les-Bains, April 2006.

“Optimal Price Setting and Inflation Inertia in a Rational Expectation Model.” with O. Kamenik, M. Kumhof, D. Laxton. Paper presented to the conference “DSGE Modelling at Policymaking Institutions: Progress and Prospects”, Washington D.C., december 2005. Accepted for publication in *Journal of Economic Dynamics and Control*.

“DYNARE et modélisation DSGE”. Journées Jourdan. January 20, 2006.

“The Accuracy of Welfare Comparison”. Paper presented at the “Eleventh Conference on Computing in Economics and Finance”, Washington, DC, June 23–25, 2005.

“Solving SDGE Models: Approximation about the Stochastic Steady State” with Ondra Kamenik. Paper presented at the “Eleventh Conference on Computing in Economics and Finance”, Washington, DC, June 23–25, 2005.

“Welfare-based monetary policy rules in an estimated model of the US economy” with Ph. Karam, D. Laxton and P. Pesenti. Paper presented to the “Third Conference of the International Forum on Monetary Policy”, ECB, Frankfurt, May 20–21, 2005.

“A k -order Perturbation Approach to Solve Complete Market RBC Models”. Paper presented at the SITE Conference, University of Stanford, July 26–30, 2004.

“Structural change and DSGE models”. Paper presented at the “Sixth Louvain Symposium on Economic Dynamics, Louvain University, May 21-22, 2004, and at the “Tenth International Conference on Computing in Economics and Finance”. Amsterdam, July 8–12, 2004.

“Which order is too much? An application to a model with staggered price and wage contracts”, with Florian Pelgrin. Paper presented at the “Tenth International Conference on Computing in Economics and Finance”. Amsterdam, July 8–12, 2004.

Papers, Publications and Presentations (continued)

“The Taylor Rule Revisited: Evaluating Alternative Policy Rules in a Small Closed-Economy SDGE Model Using Perturbation Methods”. Paper presented at the “Ninth International Conference on Computing in Economics and Finance”. Seattle, July 2003.

“What is the contribution of a k -order approximation”. Paper presented at the “Ninth International Conference on Computing in Economics and Finance”. Seattle, July 2003.

“Macroeconomic consequences of pension reforms in Europe: An investigation with the INGENUE world model” with M. Aglietta, J. Chateau, J. Fayolle, J. Le Cacheux, G. Legarrec, V. Touzé. Working Paper No. 0116. CEPREMAP, Paris, 2001.

“Accuracy of Stochastic Perturbation Methods: The case of Asset Pricing Models” with F. Collard. *Journal of Economic Dynamics and Control*, 25, pp. 979-999, 2001.

“A Higher-Order Taylor Expansion Approach to Simulation of Stochastic Forward-Looking Models with an Application to a Nonlinear Phillips Curve Model” avec F. Collard. *Computational Economics*, 17, 125-139, 2001.

“INGENUE: Une modélisation intergénérationnelle et universelle. Rapport intermédiaire” with M. Aglietta, R. Breton, J. Fayolle, C. Lacu, J. Le Cacheux, V. Touzé. Unpublished. December 2000.

“Perturbation Methods for Rational Expectations Models” with F. Collard. Unpublished, August 2000.

“Simulation of stochastic non-linear models: Testing the accuracy of approximation” with F. Collard and P. Fève. Presented at the “Sixth International Conference on Computing in Economics and Finance”. Barcelona, June 2000.

“How Well Do Alternative Time-Varying Parameter Models of the NAIRU Help Policymakers Forecast Unemployment and Inflation in OECD Countries?” with L. Boone, D. Laxton, P. N’Diaye. Unpublished, 2001.

“Solution Methods and Non-Linear Forward-Looking Models” with D. Laxton, P. McAdam, H. Pioro, in A. Hughes Hallet et P. McAdam (eds.) *Analyses in Macroeconomic Modelling*, pp. 3-29. Boston: Kluwer Academic Publishers, 1999.

“The Dynamical Analysis of Forward-Looking Models” in A. Hughes Hallet et P. McAdam (eds.) *Analyses in Macroeconomic Modelling*, pp. 3-29. Boston: Kluwer Academic Publishers, 1999.

Papers, Publications and Presentations (continued)

“Y a-t-il convergence dans le mode d’ajustement des marchés du travail dans les différents pays ?” with R. Boyer, in Antoine Bouët et Jacques Le Cacheux (eds.), *Globalisation et politiques économiques : les marges de manoeuvre*. Economica, Paris, 1999, p. 173-191.

“An algorithm competition: first-order iterations versus Newton-based techniques” with D. Laxton, P. McAdam and H. Pioro. *Journal of Economic Dynamic and Control*, 22, pp. 1291-1318, 1998.

“DYNARE: a program for the simulation of non-linear forward looking models”, paper presented to the “Workshop on Dynamic Macroeconomics”, Soutomaior, Spain, July 1998.

“A globally convergent algorithm for non-linear forward-looking models”, paper presented to the “Fourth International Conference on Computing in Economics and Finance”, Cambridge, June 1998.

“Y a-t-il convergence dans le mode d’ajustement des marchés du travail dans les différents pays?”, paper presented to the conference “Globalisation et Politiques Economiques: les marges de manoeuvre”, Pau, June 1998.

“Dynamical analysis of forward-looking models”, paper presented to the Macroeconomic Seminar, New School for Social Research, March 1998, and to the “Troisième Conférence Théories et Méthodes de la Macroéconomie”, Marseille, May 1998.

“Dynamical analysis of monetary policy functions”, paper presented to the Economic Seminar of Bielefeld University, Bielefeld, November 1997.

“Stability analysis in forward-looking models” with D. Laxton, paper presented to the “Third International TROLL Conference”, Brussels, May 1997.

“Le rapport salarial japonais a-t-il atteint ses limites?” with R. Boyer, *Revue Economique*, 48(3), pp. 731-739.

“The historical process of convergence” with B. Amable, paper presented to the “Seconde Conférence Théories et Méthodes de la Macroéconomie”, Louvain-la-Neuve, May 1997.

“Precision performances of terminal conditions for short time horizons forward-looking systems,” with R. Boucekkine and P. Malgrange *Computational Economics*, 10, pp. 169-186, 1997.

“Dynamical analysis of MULTIMOD” with P. Malgrange, paper presented to the “Second International Conference on Computing in Economics and Finance”, Geneva, June 1996.

Papers, Publications and Presentations (continued)

“A robust and efficient method for solving nonlinear rational expectation models” avec Douglas Laxton, paper presented to the “Second International Conference on Computing in Economics and Finance”, Geneva, June 1996. Published as IMF Working Paper No. 96/106.

“Régimes de croissance pour les Etats–Unis, 1890–1991” *Revue Economique*, 46(3), pp. 847–856, 1995.

“Régimes d’accumulation” in R. Boyer & Y. Saillard eds. *Théorie de la régulation: l’état du savoir*, pp. 225–235. Paris : La Découverte, 1995.

“Les Etats–Unis: adieu au fordisme!”, with R. Boyer, in R. Boyer & Y. Saillard eds. *Théorie de la régulation: l’état du savoir*, pp. 378–388. Paris : La Découverte, 1995.

“DYNARE: A program for the resolution and simulation of dynamic models with forward variables through the use of a relaxation algorithm.” Working paper No. 9602, CEPREMAP, Paris, 1996.

“Has the Japanese wage–labor nexus reached its limits?” with Robert Boyer, paper presented at the International Seminar on the Japanese Economy and Regulation Theory, Kumamoto, September 1995.

“Régimes de croissance pour les Etats–Unis, 1890–1991,” in *Revue Economique*, 46(3), pp. 847–856, 1995.

“Existe–t–il une tendance vers la croissance équilibrée à long terme”, paper presented to the seminar “Economie Historique. Bilan et Perspectives”. Paris, December 1994.

“Innovation and endogenous growth: Study of a long term relationship in the USA” with B. Amable, presented at the EUNETIC Conference, Strasbourg, September 1994.

“Computing comparable GDP levels for European countries in the interwar period,” with J. Batou, presented at the 37th Atlantic Economic Conference, Athens, March 1994.

“DYNARE, a program for solving non–linear models with forward variables,” presented at the Seminar on Non–Linear Modelling. University Carlos III, Madrid, January 1994.

Papers, Publications and Presentations (continued)

“Les prix relatifs et le consommateur japonais,” presented at the Conference “Mode de régulation au Japon et relations internationales: De l’histoire longue aux transformations récentes,” CEPREMAP, Paris, October 14–16, 1993. Published in *Etudes Japonnaises*, Spring 1994.

Un schéma de reproduction pour l’économie des Etats-Unis: 1948-1980. Tentative de modélisation et de quantification. Berne: Peter Lang Verlag, 1993.

“Existe-t-il des relations de cointégration dans un modèle de la croissance américaine 1890–1990?” co-authored with R. Boyer. CEPREMAP, Paris, January 1993.

“The regimes of accumulation of the U.S.: 1950–1987” in E. Wolff & F. Moseley eds., *International perspectives on profitability and accumulation.* London: Edward Elgar, 1992.

“The new endogenous growth theory versus a productivity regime approach: One century of American economic history revisited”, with R. Boyer. Paper presented at URPEE at ASSA, New Orleans, January 1992. Published as CEPREMAP Working Paper No. 9210, 1992.

“Departmental analysis of reproduction: A tool for the study of structural change”. Paper presented at the Ninth International Conference on Input-Output Techniques, Kesthely, Hungary, September 1989.

“The stability of the reproduction scheme: Theoretical discussion and empirical evidence for the United States, 1948–1980” in W. Semmler ed., *Competition, instability, and nonlinear cycles: Proceedings of the conference held at the New School for Social Research, March 1985.* New York: Springer Verlag, 1986.

“The impact of automation on employment, 1963-2000”, contributed to the final report by W. Leontief and F. Duchin, New York: Institute for Economic Analysis, 1983.

“The departmental analysis of growth: A brief comparison between postwar France and U.S.A.”, with H. Bertrand and J. Pisani-Ferry, in *Proceedings of the Third Hungarian Conference on Input-Output Techniques, Heviz 1981.* Budapest, 1982.