

# *Curriculum-Vitae*

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# 1 Titres universitaires et déroulement de carrière

- Doctorat de l'Université Paris XII "*Prévision des cours de change, Surajustement et Offre de monnaie*", mention très honorable (16 janvier 1987). Membres du jury: Messieurs les Professeurs Bernard Lassudrie-Duchêne (Président du Jury), Pierre Lavagne (Directeur de Thèse), William Marois et Jean-Claude Leroy (MCF-HDR).
- Maître de Conférences en Sciences Economiques, Université Paris XII- Val de Marne, (01/09/1988 - 31/08/1990).
- Diplôme d'Habilitation à Diriger Des Recherches de l'Université Paris XII (22 Décembre 1988). Membres du jury: Messieurs les Professeurs Pierre Lavagne, Jacques Mairesse (Président du Jury), Heinz Schleicher, Michel Sollogoub et Monsieur Schwartz (personnalité extérieure).
- Concours d'Agrégation de l'Enseignement Supérieur (Sciences Economiques), Juin 1990. Président du jury: Monsieur le Professeur René Passet. Membres du jury: Messieurs les Professeurs Claude Berthomieu, Jean-Marie Chevalier, Christian de Boissieu, Pierre Delfaud, Pierre Pascallon et Michel Sollogoub.
- Nomination à l'Université des Antilles et de la Guyane en tant que Professeur des Universités (Octobre 1990).
- Nomination à l'Université Paris II Panthéon-Assas en tant que Professeur des Universités (Octobre 1992).
- Professeur 1ère Classe (01/10/97 - 31/08/08).
- Professeur Classe Exceptionnelle (01/09/08 - 31/12/22).
- Professeur émérite depuis le 01/01/23.

## 2 Liste des travaux

### 2.1 Thèse

- *Prévision Des Cours De Change, Surajustement et Offre De Monnaie*, Thèse pour le Doctorat de l'Université Paris XII, 16 janvier 1987, mention très honorable, 673 pages.  
Membres du jury: Messieurs les Professeurs Bernard Lassudrie-Duchêne (Président du Jury), Pierre Lavagne (Directeur de Thèse), William Marois et Jean-Claude Leroy (MCF-HDR).

### 2.2 Ouvrages

- Bresson G., 1992, *Probabilités et Statistiques, Cours et Exercices Corrigés*, éditions Méral, Diffusion Maloine, Paris, 2ème trimestre 1985, 244 pages (2ème édition: octobre 1992).
- Bresson G. et A. Pirotte, 1996, *Econométrie des Séries Temporelles: Théorie et Applications*, Editions PUF, collection Economie, 657 pages.

## 2.3 Publications

- Baltagi, B.H. and G. Bresson, 2023, Modelling housing using multidimensional panel data, in *The Econometrics of Multi-Dimensional Panels. Theory and Applications*, Matyas L. (ed.), Springer, New York, 2nd edition, (*forthcoming*).
- Bresson, G. and A. Chaturvedi, 2023, Dynamic space-time panel data models: an eigendecomposition-based bias-corrected least squares procedure, *Spatial Statistics*, 56, August, 100758 (*available online June, 17 2023*).
- Baltagi, B.H., Bresson, G., Chaturvedi, A. and G. Lacroix, 2023, Robust dynamic space-time panel data models using  $\varepsilon$ -contamination: An application to crop yields and climate change, *Empirical Economics, Special Issue in Honor of Professor Peter Schmidt*, vol.64, issue 6, 2475-2509, (*available online December, 31 2022*).
- Beltempo, M., Bresson, G. and G. Lacroix, 2023, Using machine learning to predict nosocomial infections and medical accidents in a NICU, *Health and Technology*, Vol. 13, Issue 1, 75-87.
- Beltempo, M., Bresson, G., Etienne, J.M. and G. Lacroix, 2022, Infections, accidents and nursing overtime in a neonatal intensive care unit, *The European Journal of Health Economics*, Jun, 23(4), 627-643.
- Baltagi, B.H., Bresson, G., Chaturvedi, A. and G. Lacroix, 2022, Robust dynamic panel data models using  $\varepsilon$ -contamination, in *Advances in Econometrics. Essays in Honor of M. Hashem Pesaran: Panel Modeling, Micro Applications and Econometric Methodology*, vol. 43B, (Chudik, A., Hsiao, C. and A. Timmermann, eds.), Emerald Group Publishing Limited, 307-336.
- Bresson, G., Chaturvedi, A., Rahman, M.A. and Shalabh, 2021, Seemingly unrelated regression with measurement error: Estimation via Markov chain Monte Carlo and mean field variational Bayes approximation, *International Journal of Biostatistics*, 17(1), 75-97, (*available online September, 16 2020*).
- Bresson, G., Lacroix, G. and M.A. Rahman, 2021, Bayesian panel quantile regression for binary outcomes with correlated random effects: An application on crime recidivism in Canada, *Empirical Economics, Special Issue on Honouring Professor Badi Baltagi's Contribution to the Field of Econometrics*, vol. 60, issue 1, january, 227-259, (*available online June, 24 2020*).
- Bresson, G., 2020, Comments on 'An Econometrician's Perspective on Big Data' by Cheng Hsiao, in *Advances in Econometrics: Essays in Honor of Cheng Hsiao*, vol. 41, (Pesaran, M.H., Li, T. and D. Terrell, eds.), Emerald Group Publishing Limited, 431-443.
- Baltagi, B.H., Bresson, G. and J.M. Etienne, 2020, Growth empirics: a Bayesian semiparametric model with random coefficients for a panel of OECD countries, in *Advances in Econometrics: Essays in Honor of Cheng Hsiao*, vol. 41, (Pesaran, M.H., Li, T. and D. Terrell, eds.), Emerald Group Publishing Limited, 217-253.
- Baltagi, B.H., Bresson, G. and J.M. Etienne, 2019, Carbon dioxide emissions and economic activities: A mean field variational Bayes semiparametric panel data model with random coefficients, *Annals of Economics and Statistics, Special Issue on Panel Data*, 134, 43-78.

- Baltagi, B.H., Bresson, G., Chaturvedi, A. and G. Lacroix, 2018, Robust linear static panel data models using  $\varepsilon$ -contamination, *Journal of Econometrics*, 202, 1, 108-123 (available online August, 26 2017).
- Baltagi, B.H. and G. Bresson, 2017, Modelling housing using multidimensional panel data, in *The Econometrics of Multi-Dimensional Panels. Theory and Applications*, Matyas L. (ed.), Springer, New York, 349-376.
- Bresson, G., Etienne, J.M. and P. Mohnen, 2016, How important is innovation? A Bayesian factor-augmented productivity model on panel data, *Macroeconomic Dynamics*, vol. 20, 8, 1987-2009.
- Baltagi, B.H., Bresson, G. and J-M. Etienne, 2015, Hedonic housing prices in Paris: An unbalanced spatial lag pseudo-panel model with nested random effects, *Journal of Applied Econometrics*, (published online 2014, Feb. 27), 30, 3, 509-528.
- Bresson, G., Etienne, J.M. and P. Mohnen, 2015, Inclusive growth and innovation: a dynamic simultaneous equations model on a panel of countries, *STI Policy Review*, 6, 1, 1-23.
- Baltagi, B.H. and G. Bresson, 2014, Robust panel data methods and influential observations, in *The Oxford Handbook of Panel Data*, (Badi H. Baltagi, ed.), chap. 14, Oxford University Press, 418-450.
- Baltagi B.H., Bresson G. and A. Pirotte, 2014, Panel unit root tests and spatial dependence, in *Panel Data Econometrics*, (Baltagi, B.H., ed.), Vol. 1, part. 2, chap. 9, Routledge Taylor & Francis Group, series Critical Concepts in Economics, New York (also published in 2007 in the *Journal of Applied Econometrics* and in 2009 in the *Virtual Issue from Journal of Applied Econometrics, Celebrating 25 years of the Journal of Applied Econometrics*).
- Baltagi, B.H. and G. Bresson, 2012, A robust Hausman-Taylor estimator, in *Advances in Econometrics, Essays in Honor of Jerry Hausman*, vol. 29, (Baltagi, B.H, Carter Hill, R., Newey, W.K, and H. L. White, eds), Emerald Group Publishing Limited, 175-214.
- Baltagi, B.H., Bresson, G. and A. Pirotte, 2012, Forecasting with spatial panel data, *Computational Statistics and Data Analysis*, 56, 11, 3381-3397 (published online 2010, August, 30).
- Bresson, G. and C. Hsiao, 2011, A functional connectivity approach for modeling cross-sectional dependence with an application to the estimation of hedonic housing prices in Paris, *Advances in Statistical Analysis*, 95, 4, 501-529.
- Baltagi, B.H. and G. Bresson, 2011, Maximum likelihood estimation and Lagrange multiplier tests for panel seemingly unrelated regressions with spatial lag and spatial errors: an application to hedonic housing prices in Paris, *Journal of Urban Economics*, 69, 1, 24-42.
- Bresson, G. and K. Logossah, 2011, Crowding-out effects of cruise tourism on stay-over tourism within the Caribbean. Non-parametric panel data evidence, *Tourism Economics*, 17, 1, 127-158.

- Bresson, G., Hsiao, C. and A. Pirotte, 2011, Assessing the contribution of R&D to total factor productivity – a Bayesian approach to account for heterogeneity and heteroscedasticity, *Advances in Statistical Analysis*, 95, 4, 435-452.
- Baltagi B.H., Bresson G. and A. Pirotte, 2009, Panel unit root tests and spatial dependence, *Virtual Issue from Journal of Applied Econometrics, Celebrating 25 years of the Journal of Applied Econometrics*, Dec. 07, 2009. To celebrate the 25th anniversary of Journal of Applied Econometrics, a selection of highlights from the last 25 years has been compiled. The articles included in this virtual issue include some of the most downloaded and most cited articles during the *JAE*'s history.
- Baltagi, B.H., Bresson G. and A. Pirotte, 2009, Testing the fixed effects restrictions? A Monte Carlo study of Chamberlain's minimum Chi-square test, *Statistics and Probability Letters*, 16(1), 47-51.
- Abdelmoula M. and G. Bresson, 2008, Spatial and technological R&D spillovers in European regions: a dynamic count panel data model, *Annales d'Economie et de Statistique (Annals of Economics and Statistics)*, vol. 87/88, 167-194.
- Baltagi, B.H., Bresson, G. and A. Pirotte, 2008, To pool or not to pool?, in *The Econometrics of Panel Data: Fundamentals and Recent Developments in Theory and Practice*, (Matyas, L. and P. Sevestre, Eds), chap.15, 3ème édition, Series: Advanced Studies in Theoretical and Applied Econometrics , Vol. 33 , Springer-Verlag, New York, 517-546.
- Baltagi, B.H., Bresson, G. and A. Pirotte, 2007, Panel unit root tests and spatial dependence, *Journal of Applied Econometrics*, 22, 339-360.
- Baltagi, B.H., Bresson, G. and A. Pirotte, 2006, Joint LM test for homoskedasticity in a one-way error component model, *Journal of Econometrics*, 134, 401-417.
- Baltagi, B.H., Bresson, G. and A. Pirotte, 2005, Adaptive estimation of heteroskedastic error component models, *Econometric Reviews*, 24, 39-58.
- Bresson, G., et K. Logossah, 2005, Hétérogénéité de l'offre et de la demande touristique des communes de la Martinique : une estimation semi-paramétrique sur données de panel, in *Tourisme et Développement Durable*, (eds. K. Logossah et J.M. Salmon), Editions Publibook Université, Paris, 131-186.
- Baltagi, B.H., Bresson, G. and A. Pirotte, 2004, Tobin q: forecast performance for hierarchical Bayes, shrinkage, heterogeneous and homogeneous panel data estimators, in *Panel Data: Theory and Applications*, (Badi H.Baltagi, ed.), Springer Verlag, 107-114.
- Bresson, G., Dargay, J., Madre, J.L and A. Pirotte, 2004, Economic and structural determinants of the demand for public transport. An analysis on a panel of french urban areas using shrinkage estimators, *Transportation Research, Part A*, 38, 4, 269-285.
- Baltagi, B.H., Bresson, G. and A. Pirotte, 2004, Tobin q: forecast performance for hierarchical Bayes, shrinkage, heterogeneous and homogeneous panel data estimators, *Empirical Economics*, 29, 1, 107-113.

- Bresson, G., Dargay, J., Madre, J.L and A. Pirotte, 2003, The main determinants of the demand for public transport. A comparative analysis of England and France using shrinkage estimators, *Transportation Research, Part A*, 37, 7, 605-627, 2003.
- Baltagi, B.H., Bresson, G. and A. Pirotte, 2003, A comparative study of pure and pretest estimators for a possibly misspecified two-way error component model, in *Advances in Econometrics. Maximum Likelihood Estimation of Misspecified Models : Twenty Years Later*, Special Issue in Honor of Halbert L. White, (Carter Hill, R. and T. Fomby, editors), vol. 17, Elsevier Science, 1-17.
- Baltagi, B.H., Bresson, G. and A. Pirotte, 2003, Fixed Effects, random effects or Hausman-Taylor? A pretest estimator, *Economics Letters*, 79, 361-369.
- Baltagi, B.H., Bresson, G., Griffin, J.M and A. Pirotte, 2003, Homogeneous, heterogeneous or shrinkage estimators? Some empirical evidence from french regional gasoline consumption, *Empirical Economics*, 28, 1-17.
- Baltagi, B.H., Bresson, G. and A. Pirotte, 2002, Comparison of forecast performance for homogeneous, heterogeneous and shrinkage estimators. Some empirical evidence from US electricity and natural-gas consumption, *Economics Letters*, 76, 375-382.
- Bresson, G., Kramarz, F. and P. Sevestre, 1996, Dynamic labour demand models, in *The Econometrics of Panel Data: Theory and Applications*, (Matyas L. and P. Sevestre, eds.), chap. 25, 2nd edition, Kluwer Academic Publishers.
- Bresson, G. et F. Célimène, 1995, Hystérésis ou persistance du taux de chômage? Un test économétrique sur quelques pays de la zone Caraïbe, *Revue d'Economie Politique*, 105 (6), 966-998.
- Bresson, G., Kramarz, F. and P. Sevestre, 1992, Heterogeneous labor and the dynamics of aggregate labor demand: some estimations using panel data, in *Panel Data Analysis*, Special issue of *Empirical Economics*, (Baltagi, B.H. and B. Raj, eds.), Springer Verlag, 153-167.
- Bresson, G., Kramarz, F. and P. Sevestre, 1992, Dynamic labour demand models, in *The Econometrics of Panel Data: Theory and Applications*, (Matyas, L. and P. Sevestre, eds.), chap. 17, Kluwer Academic Publishers, 360-387.
- Bresson, G. et C. Mathieu, 1992, Différenciation horizontale et verticale des produits: une application à l'industrie automobile, *Annales d'Economie et de Statistique (Annals of Economics and Statistics)*, 27, 115-148.

### 3 Communications

- Bresson G., Chaturvedi A. and G. Lacroix, Mean field variational Bayes for finite mixture of random coefficients models, *Research Seminar*, Department of Statistics, University of Munich (LMU), Germany, July 27, 2023.
- Bresson G. and A. Chaturvedi, Dynamic space-time panel data models: an eigen decomposition-based bias-corrected least squares procedure,
  - *Seventh International Conference on Statistics for Twenty-first Century - [ICSTC-2021]*, Department of Statistics, University of Kerala, India, December, 15-19, 2021 (virtual mode).
  - Invited lecture for the *Birth Centenary Celebrations of Professor C.R. Rao, International Conference on Emerging Trends in Statistics and Data Science in conjunction with the 40<sup>th</sup> annual convention of the Indian Society for Probability & Statistics (ISPS)*, Sri Venkateswara University, Tirupati, India, September, 7-10, 2021(virtual mode).
- Baltagi, B.H., Bresson, G., Chaturvedi, A. and G. Lacroix, Robust dynamic panel data models using  $\varepsilon$ -contamination,
  - *Advances in Econometrics, Conference in Honor of M. Hashem Pesaran*, Federal Reserve Bank of Dallas, April 3-5, 2020 (*postponed April 17-18, 2021*).
  - *2020 Econometric Society/Bocconi University Virtual World Congress, First Ever Virtual World Congress* (due to the COVID-19 situation), Bocconi University, August, 17-21, 2020.
- Beltampo, M., Bresson, G., and G. Lacroix, Investigating adverse outcomes in a Neonatal Intensive Care Unit: Machine learning and Bayesian semiparametric panel data model, *Research Seminar*, Institut de Science Financière et d'Assurance (IFSA) (*Institute of Financial and Actuarial Sciences*), Lyon, October, 15, 2019.
- Baltagi, B.H., Bresson, G. and J.M. Etienne, Growth empirics: a Bayesian semiparametric model with random coefficients for a panel of OECD countries,
  - *Advances in Econometrics Conference in Honor of Cheng Hsiao*, Louisiana State University, Baton Rouge, October 26-28, 2018.
  - *23<sup>th</sup> International Panel Data Conference*, Thessaloniki, Greece, July 7-8, 2017.
- Baltagi, B.H., Bresson, G. and J.M. Etienne, Carbon dioxide emissions and economic activities: a mean field variational Bayes semiparametric model with random coefficients for a panel of countries, *Research Seminar*, Department of Economics, Université Laval, Québec, Canada, September, 15, 2017.
- Baltagi, B.H., Bresson, G., Chaturvedi, A. and G. Lacroix, Robust linear static panel data models using  $\varepsilon$ -contamination,
  - *Research Seminar*, Department of Statistics, University of Munich (LMU), Germany, June 28, 2017.
  - *Latin American Meeting of the Econometric Society (LAMES)*, EAFIT University and the Colombian Central Bank, Medellin, Colombia, November 10-12, 2016.
  - *21<sup>th</sup> International Panel Data Conference*, Central European University, Budapest, June 29-30, 2015.
  - *IAAE 2015 Annual Conference*, University of Macedonia, Thessaloniki, June 25-27, 2015.

- 34<sup>th</sup> *Annual convention of Indian Society for Probability and Statistics (ISPS)*, Department of Statistics, Sri Venkateswara University, Tirupati, India, Nov. 30-Dec.02, 2014.
- *Research Seminar*, Department of Economics, Maastricht University, NL, October, 2, 2014.
- *Research Seminar*, Department of Economics, Laval University, Canada, October, 7, 2014.
- Bresson, G., Etienne, J.M and P. Mohnen, Inclusive growth and innovation: a dynamic simultaneous equations model on a panel of countries,
  - *Econometric conference in honour of François Laisney*, University of Strasbourg, June 4-5, 2015,
  - *8<sup>th</sup> Conference on MicroEvidence on Innovation in Developing Countries (MEIDE)* jointly with the OECD and World Bank *International Conference on Innovation for Inclusive Growth*, New Delhi, India, February, 10-12, 2015.
- Baltagi, B.H., Bresson, G. and J.M Etienne, Hedonic housing prices in Paris: an unbalanced spatial lag pseudo-panel model with nested random effects,
  - *Conference on Cross-Sectional Dependence in Panel Data Models*, Cambridge University, UK, May 30-31, 2013.
  - *19<sup>th</sup> International Conference on Panel Data*, Centre for Econometric Analysis, Cass Business School, London, UK, July 4-5, 2013.
- Baltagi, B.H. and G. Bresson, A robust Hausman-Taylor estimator,
  - *18<sup>th</sup> International Conference on Panel Data*, Banque de France, Paris, July 5-6, 2012.
  - *11<sup>th</sup> Annual Advances in Econometrics Conference in Honor of Jerry Hausman*, Louisiana State University, Baton-Rouge, Louisiana, USA, February, 17-19, 2012
- Bresson, G., Etienne, J.M and P. Mohnen, How important is innovation? A Bayesian factor-augmented productivity model on panel data,
  - *5<sup>th</sup> International Forum of Statistics, Renmin University*, Beijing, China, July 14-15, 2012.
  - *18<sup>th</sup> International Conference on Panel Data*, Banque de France, Paris, July 5-6, 2012.
  - *Latin American Meeting of the Econometric Society*, Santiago, Chile, November, 10-13, 2011
  - *5<sup>th</sup> Conference on MicroEvidence on Innovation in Developing Countries (MEIDE)*, San José, Costa Rica, June, 27-28, 2011
- Baltagi, B.H. and G. Bresson, ML estimation and LM tests for panel SUR with spatial lag and spatial errors: an application to hedonic housing prices in Paris,
  - *2010 Barcelona Workshop on Regional and Urban Economics*, Barcelona, Spain, September, 9-10, 2010
  - *16<sup>th</sup> International Conference on Panel Data*, Amsterdam, The Netherlands, July, 2-4, 2010.
  - *First French Econometrics Conference (celebrating Alain Monfort contribution to econometrics)*, Toulouse School of Economics, December, 14-15, 2009.
  - *Latin American Meeting of the Econometric Society*, Buenos Aires, Argentina, October, 1-3, 2009.



- Bresson, G. and C. Hsiao, 2008, A functional connectivity approach for modeling cross-sectional dependence with an application to the estimation of hedonic housing prices in Paris, *Latin American Meeting of the Econometric Society*, Rio de Janeiro, Brazil, November, 20-23.
- Bresson, G., Hsiao, C. and A. Pirotte, Assessing the contribution of R&D to total factor productivity. A Bayesian approach to account for heterogeneity and heteroscedasticity,
  - *Far Eastern and South Asian Meeting of the Econometric Society*, Singapore, July, 16-18, 2008.
  - *14th International Conference on Panel data*, Xiamen University, China, July 16-18, 2007.
- Baltagi, B.H., Bresson, G. and A. Pirotte, Forecasting with spatial panel data,
  - *Econometrics of Interactions, CIRANO-CIREQ Conference*, Montréal, Canada, October, 23-24, 2008.
  - *Econometric Society European Meeting*, Milan, Italy, August, 27-31, 2008.
  - *14th International Conference on Panel data*, Xiamen University, China, July 16-18, 2008.
  - *Conference in Honor of Phoebus Dhrymes*, Pharos, Cyprus, June 1-3, 2008.
- Bresson, G., Etienne, J.M and D. Legros, 2007, Two-part hierarchical model with correlated random effects: an application on households gasoline expenditures in French communes, *14th International Conference on Panel data*, Xiamen University, China, July 16-18.
- Baltagi, B.H., Bresson, G. and A. Pirotte, Panel unit root tests and spatial dependence,
  - *12th International Conference on Panel data*, Copenhagen, Denmark, June 24-26, 2006.
  - *International Workshop on Spatial Econometrics and Statistics*, Roma, Italy, May, 25-27, 2006.
- Bresson, G., Hsiao, C. and A. Pirotte, 2006, Heteroskedasticity and random coefficient model on panel data, *13th International Conference on Panel data*, Cambridge, UK, July 9-11.
- Bresson, G., Madre, J.M and A. Pirotte, Is urban sprawl stimulated by economic growth? A hierarchical Bayes estimation on the largest metropolitan areas in France,
  - *WCTR 2006 (World Conference on Transportation Research)*, Kyoto, Japan, August 20-28, 2006.
  - *WCTR 2004 (World Conference on Transportation Research)*, Istanbul, Turkey, July, 3-8, 2004.
- Abdelmoula, M. and G. Bresson, Spatial and technological R&D spillovers in European regions: a dynamic count panel data model,
  - *ADRES international conference on Networks of Innovation and Spatial Analysis of Knowledge diffusion*, Saint-Etienne, September, 14-15, 2006.
  - *Econometric Society European Meeting*, Vienna, Austria, August 20-25, 2006.
  - *Fifth Proximity Congress*, Bordeaux, June 28-30, 2006.
  - *The DRUID Summer Conference*, Frederiksberg, Denmark, June 18-20, 2006.
  - *Journées de Micro-Economie Appliquée*, Nantes, June, 1-2, 2006.

- *Innovations and Intellectual Property Values: Econometrics Studies, Applied Econometrics Association (AEA)*, La Sorbonne, Paris, October 20-21, 2005.
- Baltagi, B.H., Bresson, G. and A. Pirotte, 2005, Joint LM test for homoskedasticity in a one-way error component model, *12th International Conference on Panel data*, Copenhagen, Denmark, June 24-26,
- Baltagi, B.H., Bresson, G. and A. Pirotte, Adaptive estimation of heteroskedastic error component models
  - *Econometric Society European Meeting*, Madrid, Spain, August, 20-24, 2004.
  - *11th International Conference on Panel data*, Texas A&M University, College Station, Texas, USA, June 4-6, 2004.
- Bresson, G., et K. Logossah, 2003, Hétérogénéité de l'offre et de la demande touristique des communes de la Martinique: une estimation semi-paramétrique sur données de panel, *Colloque Tourisme et Développement Durable*, Université des Antilles et de la Guyane, Martinique, 25-27 septembre.
- Baltagi, B.H., Bresson, G. and A. Pirotte, 2003, Fixed Effects, random effects or Hausman-Taylor? A pretest estimator, *Joint Statistical Meeting, American Statistical Association*, San Francisco, USA, August, 3-7.
- Baltagi, B.H., Bresson, G. and A. Pirotte, 2002, A comparative study of pure and pretest estimators for a possibly misspecified two-way error component model, Invited lecture *LSU Conference on Advances in Econometrics*, Louisiana State University, Baton-Rouge, Louisiana, USA, November, 2-3.
- Baltagi, B.H., Bresson, G., Griffin, J.M and A. Pirotte, Homogeneous, heterogeneous or shrinkage estimators ? Some empirical evidence from french regional gasoline consumption,
  - *10th International Conference on Panel Data*, Berlin, Germany, July, 5-6, 2002.
  - *North American Summer Meeting of the Econometric Society*, UCLA, Los Angeles, USA, June, 20-24, 2002.
- Bresson, G., 2002, Non stationary panels and panel cointegration models, Invited lecture, CEPEA (Convergence in Europe and the Process of Enlargement and Association), *High-Level Conferences of the European Commission*, Nice, June, 17-19.
- Bresson, G., Madre, J.M and A. Pirotte, 2002, Forecasting demand for public transport in Paris region : comparison between a time-series and a panel econometrics approaches, *Conférence IATBR (International Association for Travel Behaviour Research)*, Bari, Italy, June 10-11.
- Bresson, G., Dargay, J., Madre, J.M and A. Pirotte, 2000, The main determinants of the demand for public transport. A comparative analysis of England and France using shrinkage estimators, *Conférence IATBR (International Association for Travel Behaviour Research)*, Surfer Paradise, Australia, July, 10-11.
- Bresson, G., Madre, J.L et A. Pirotte, 1998, Régionalisation des prévisions de trafic routiers et autoroutiers: séries temporelles ou données de panel?, *Colloque de l'Association Française de Science Régionale*, Puebla, Mexico, Septembre, 8-10.

- Bresson, G. and T. Debrand, 1998, Factors demands, taxation, ajustement costs and speeds of adjustment: a GMM estimation on a French panel data set,
  - *8th International Conference on Panel Data*, Göteborg, Sweden, June, 24-26.
  - *XVèmes Journées de Microéconomie Appliquée*, Pointe-à-Pitre, Guadeloupe, June, 15-16.
- Bresson, G., Madre, J.L and A. Pirotte, 1997, Comparison of forecast performances of car traffic: time series analysis versus panel data econometrics, *Conférence IATBR (International Association for Travel Behaviour Research)*, Austin, Texas, USA, September 23-25.
- Bresson, G. et A. Pirotte, 1996, Demande de travail, coûts d'ajustement et structures de marché, *XIIIèmes Journées de Microéconomie Appliquée*, Liège, Belgium, June 6-7.
- Bresson G., Sevestre P. and J.C Teurlai, The specifications of labour adjustment costs functions: a microeconomic comparative study,
  - Research seminars *Adelaide University and Monash University*, Australia, August, 1996.
  - *6th International Conference on Panel Data*, Amsterdam, The Netherlands, June, 26-27.
  - *XIIIèmes Journées de Microéconomie Appliquée*, Liège, Belgium, June 6-7.
- Bresson, G., Kramarz, F. and P. Sevestre, Labor demand for heterogeneous labor with non linear asymmetric adjustment costs.
  - *4th International Conference on Panel Data*, Budapest, Hungary, June, 18-19, 1992.
  - *3rd International AELE Conference*, Madrid, Spain, September 1991.
- Bresson, G., Kramarz, F. and P. Sevestre, 1990, Heterogeneous labor and the dynamics of aggregate labor demand: some estimations using panel data, *2nd International AELE Conference*, Lund, Sweden, September.
- Blanchard, P., Bresson, G. et P. Sevestre, Ajustements de l'emploi et structures de qualifications,
  - *Colloque Annuel de l'Institut de Mathématiques Economiques*, Dijon, November 24, 1989.
  - *Conference on Aggregation in Economic Modelling*, London Business School, UK, October, 1989.
  - *VIèmes Journées de Microéconomie Appliquée*, Orléans, May, 29-30, 1989.
- Blanchard, P., Bresson, G. and P. Sevestre, 1988, A note on the usefulness of panel data when forecasting with short time series, *8th International Symposium on Forecasting*, Amsterdam, The Netherlands, June 12-16.
- Bresson, G., 1988, Detection of outliers in panel data: a simulation study, *2nd International Conference on Panel Data*, Paris, June, 6-7.

## 4 Enseignements (depuis 2015<sup>1</sup>)

- Econométrie,  
*Licence Analyse Economique, Coursus Master Ingénieur (CMI EFIQuaS), Université Paris II*
- Econométrie Appliquée,  
*Licence Analyse Economique, Coursus Master Ingénieur (CMI EFIQuaS), Université Paris II*
- Séries Temporelles,
  - *Master I Econométrie, Statistique, Coursus Master Ingénieur (CMI EFIQuaS), Université Paris II*
  - *Master I Monnaie-Banque-Finance-Assurance, Université Paris II.*
  - *Master I Analyse et Politique Economique, Université Paris II.*
- Modèles Econométriques de Durée : Applications à l'Assurance,  
*Master II Econométrie, Statistique, Parcours Ingénierie Statistique et Financière, Coursus Master Ingénieur (CMI EFIQuaS), Université Paris II*

## 5 Activités de recherche

### 5.1 Animation de structures de recherche

- Directeur de l'équipe de recherche ERMES (Equipe de Recherche sur les Marchés, l'Emploi Et la Simulation) (UMR 7181 CNRS) (Janvier 2000 - Décembre 2008).
- Directeur adjoint de la Fédération de Recherche TEPP (Travail, Emploi et Politiques Publiques) (FR 3126 CNRS) (Janvier 2008 - Décembre 2008).
- Invitations de professeurs étrangers: John Abowd (Cornell U., USA), Orley Ashenfelter (Princeton, USA), Badi H. Baltagi (Texas A&M, Syracuse U., USA), Yoosoon Chang (Texas A&M, Indiana U., USA), Anoop Chaturvedi (Allahabad U., India), Jerry Hausman (MIT, USA), Cheng Hsiao (USC, USA), Guy Lacroix (Laval, Canada), Claudio Lucifora (Milan, Italie), Pierre Mohnen (Maastricht U., NL), Bruno Van Der Linden (Louvain UCL., Belgique), Marno Verbeek (Erasmus U., Rotterdam, NL).
- Membre du Comité Scientifique de la 18<sup>ème</sup> Conférence Internationale sur l'Econométrie des Données de Panel (Paris, 2012).

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<sup>1</sup>Antérieurement, Responsable de la Licence et de la Maîtrise d'Econométrie, Université Paris II. Enseignements dispensés à l'Université Paris II: Econométrie I (Licence d'Econométrie), Econométrie II (Master I d'Econométrie), Econométrie III (Master I d'Econométrie), Microéconométrie (Master I d'Econométrie et Master I d'Economie Industrielle et Ressources Humaines), Microéconométrie approfondie (Master II d'Economie Industrielle et Ressources Humaines), Méthodes Quantitatives et Econométrie (Master II d'Economie et Droit), Séries Temporelles (DEA d'Economie Mathématique et Econométrie), Statistique (Deug I), Micro-Economie (Deug I). Séminaires de Séries Temporelles (ENSAE-CEPE). A l'Université Paris XII: Séries Temporelles (Maîtrise d'Econométrie), Economie Politique (Deug 1, AES), Mathématiques-Statistiques (Deug 1, AES). A l'Université des Antilles et de la Guyane: Méthodes économétriques (Master I Monnaie-Banque-Finance), Economie Financière Internationale (Maîtrise), Economie du Travail (Maîtrise), Croissance et Fluctuations (Licence).

- Membre du Comité Scientifique de la Série des Conférences Internationales sur l'Econométrie des Données de Panel (1986-1998).
- Membre du Comité de Programme du Congrès de l'AFSE 2007, 2008, 2009, 2010 et 2012.
- Organisation des 1ère, 2ème, 3ème, 5ème et 7ème Conférences Internationales sur l'Econométrie des Données de Panel (Université Paris XII (1987, 1988, 1990, 1994) et La Sorbonne (1997), en collaboration avec P. Sevestre et les membres de l'ERUDITE).
- Organisation de Workshops (en collaboration avec les membres de l'ERMES: Gérard Ballot, Dominique Meurs, Joseph Lanfranchi, Etienne Lehmann, Ali Skalli et Annick Vignes): *Search Matching Models of Money and Labour*, 11 Décembre 2002. *Labour Market Outcomes of Educational Investments*, 10 Novembre 2003. *Public Sector Wages: Do Regional Differences Matter? A Cross-Country Comparison*, 19 novembre 2004. *Journées d'Evaluation de l'ACI "Systèmes Complexes en Sciences Humaines et Sociales"*, 9 et 10 Décembre 2004 et 23 et 24 novembre 2005. *Organisation de l'Entreprise, Connaissance et Innovation*, 9 Mars 2007.

## 5.2 Direction de Thèses, HDR, rapporteur, ...

- Secrétaire Général de l'AFSE (*Association Française de Science Economique*), membre du Comité Directeur et du Comité de Programme de l'AFSE (2007-2010).
- Directeur de thèses et Directeur d'H.D.R (Habilitation à Diriger des Recherches).
- Membre du Jury du Premier Concours National d'Agrégation pour le recrutement des Professeurs d'Université. Septembre 2013 - Avril 2014 (Président du Jury: André Cartapanis).
- Membre du Jury du Second Concours National d'Agrégation pour le recrutement des Professeurs d'Université. Septembre 2010 - Mai 2011 (Président du Jury: Christian Bordes).
- Rapport à Madame la Ministre de l'Enseignement Supérieur, de la Recherche et de l'Innovation: "Evaluation du Dispositif Expérimental de Recrutement des Professeurs des Universités en Sciences Economiques", membre du Comité d'Experts (sous la présidence d'André Cartapanis), HCERES, Juin, 2019.
- Président et membre de Jury de thèses et de Jury d'H.D.R.
- Président du Comité d'Evaluation du CNRS pour le CREST-INSEE (GRECSTA, UMR 2773 CNRS), 2007.
- Membre du Conseil Scientifique de l'Université Paris II (2008-2012).
- Membre de la Mission Recherche de l'Université Paris II (2008-2012).
- Membre du Comité directeur de l'Ecole Doctorale d'Economie et de Gestion de l'Université Paris II (2000-2010).
- Membre de Comités de Sélection pour le recrutement de Professeurs d'Université (PR) et de Maîtres de Conférences (MCF) (Université Paris I, Université d'Evry, Université des Antilles et de la Guyane).

- Ancien Directeur de l'UFR de Sciences Economiques et de Gestion de l'Université Paris II.
- Ancien Vice-Président de la Commission de Spécialistes de Sciences Economiques de l'Université Paris II.
- Ancien membre titulaire de la Commission de Spécialistes de Mathématiques et Informatique de l'Université Paris II.
- Rapporteur pour les revues:  
*Annals of Economics and Statistics (Annales d'Economie et de Statistique), Econometric Reviews, Econometrics, Economics Bulletin, Economie et Prévision, Economie et Statistique, Empirical Economics, International Economic Review, Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Econometrics, Journal of Population Economics, Journal of Productivity Analysis, Journal of Regional Science, Journal of Transportation and Statistics, Journal of Urban Economics, Labour Economics, Recherches Economiques de Louvain, Review of Economics and Statistics, Revue d'Economie Politique, Revue Economique, Tourism Economics.*