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Born: July 27, 1959—Toulouse, France

Nationality: French

Current position

Senior Researcher, Institut National de la Recherche Agronomique, Montpellier

Areas of specialization

Production Econometrics: productivity and efficiency measurement

Consumption and Demand Analysis

Applied Industrial Organization

Non and semiparametric econometrics

Education

1999 Authorized to supervise PhD theses (HDR), University of Toulouse, France

1984 PhD in Economics, University of Toulouse, France

Professional experiences

2015-...	Senior researcher at INRA-MOISA, Montpellier
2014-2016	Director of the Master of Economics and Trading, French University Pole, Vietnam National University, HCMC, and TSE, Toulouse
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2007-2015	Senior researcher at TSE, INRA-GREMAQ, Toulouse
2005-2006	Head of INRA research team ESR, Toulouse
2002-...	Senior researcher at INRA
1999-2015	Associated researcher at IDEI, Toulouse
1998-2001	Researcher at INRA, Toulouse
1996-1998	Researcher at INSEE-CREST, Paris

1996-1998	Professor at INSEE-ENSAI, Rennes
1986-1996	Junior researcher at INRA, Toulouse
1986	Research officer at Pioneer France Maïs, Toulouse
1984-1985	Military service
1982-1984	PhD student at GREMAQ, Toulouse, funded by DGRST

Editorial activities

2016	Editor, Special Issue: "Special issue in honor of Jean-Pierre Huiban," <i>Review of Agricultural, Food and Environmental Studies</i> , 97(2)
2016-...	Editorial board of <i>Review of Agricultural, Food and Environmental Studies</i>
2014	Guest editor, Special Issue: "Advances in Industrial and Applied Mathematics," <i>Vietnam Journal of Mathematical Applications</i> , 12(2)
2011-2015	Editorial board of <i>Review of Agricultural and Environmental Studies</i>
2006-2015	Editorial board of <i>Case Studies in Business, Government and Industrial Statistics</i>
2004	Editor, Special Issue: "De l'agriculteur au consommateur: la transmission des prix le long des filières de l'agro-alimentaire," <i>Economie Rurale</i> , 283-284.
2002-2010	Editorial board of <i>Journal of Agricultural and Food Industrial Organization</i>
1994	Editor, Special Issue: "Efficacité et productivité dans l'agriculture," <i>Cahiers d'Economie et de Sociologie Rurales</i> , 31.

Referee reports for: *American Journal of Agricultural Economics*, *Annales d'Economie et de Statistique*, *Cahiers d'Economie et de Sociologie Rurales*, *Canadian Journal of Agricultural Economics*, *CSBIGS*, *China Economic Review*, *Ecological Economics*, *Econometrica*, *Economics Bulletin*, *Economic Modelling*, *Economie Rurale*, *European Journal of Comparative Economics*, *European Journal of Operational Research*, *European Review of Agricultural Economics*, *Journal of Agricultural Economics*, *Journal of Applied Econometrics*, *Journal of Econometrics*, *Revue Economique*, *Revue d'Economie Politique*, *Revue d'Economie Rurale et Urbaine*, *Revue Française d'Economie*, *Review of Agricultural, Food and Environmental Studies*, *Sustainability*, *Vietnam Journal of Mathematical Applications*.

Recent teaching activities

2015-...	Introductory Econometrics, VCREME, Hanoi and Ho Chi Minh City
2014-2015	Panel data econometrics, Master2, TSE, Toulouse
2011-2013	Applied time series analysis, Master2, TSE, Toulouse
2011-...	Discrete choice models, Master2, PUF, HCMC, and TSE, Toulouse
2009-2015	Non and semiparametric models, Master2, TSE, Toulouse

Supervision activities

PhD dissertation chair: Isabelle Perrigne (1991), Céline Bonnet (2004), Sébastien Markley (2008), Joanna Morais (2017), Huong Trinh Thi (4th year), Phan Thi Thanh Huong (2nd year), Nguyen Thi Lan Anh (1rst year).

PhD dissertation committee member: Inès Heba-Nurja (2005), Thi Thuy Linh Nguyen (2016).

HDR dissertation chair: Céline Bonnet (2014).

HDR dissertation committee member: Bernard Elyakime (2007), Laure Latruffe (2010), Serge Garcia (2011), Stéphane Blancard (2013), Julie Subervie (2016), Iragaël Joly (2017).

PhD thesis committee member: Hung Trung Vo (2nd year)

Publications

In journals

- 2017 “Using compositional and Dirichlet models for market-share regression,” with J. Morais and C. Thomas-Agnan, *Journal of Applied Statistics*, DOI: 10.1080/02664763.2017.1389864
- 2016 “Calorie Intake and Income in China: New Evidence Using Semiparametric Modelling with Generalized Additive Models,” with H.T. Trinh and C. Thomas-Agnan, *Vietnam Journal of Mathematical Applications* 14(1): 11-26.
- 2015 “Territorial Analysis of the diffusion of organic farming in France: between heterogeneity and spatial dependence,” with G. Allaire, E. Cahuzac, Y. Desjeux, E. Maigne et T. Poméon, *Ecological Indicators* 59: 70-81.
- 2015 “Productivity and Efficiency of Vietnamese Banking System: New evidence using Färe-Primont Index Analysis,” with P.A. Nguyen , *Applied Economics* 47: 4395-4407
- 2014 “Nonparametric Models with Applications in Economics,” with P.A. Nguyen, *Vietnam Journal of Mathematical Applications*, 12: 1-24.
- 2014 “Approche spatiale de la conversion à l’agriculture biologique : les dynamiques régionales en France,” with G. Allaire, E. Cahuzac et T. Poméon, *Economie Rurale*, 339 : 9-31, 2014.
- 2013 “Quality labels and firm survival: some first empirical evidence,” with C. Bontemps et Z. Bouamra-Mechemache, *European Review of Agricultural Economics* 40: 413-439. .
- 2013 “Detecting Asymmetric Price Transmission (APT) with Consistent Threshold along the fish supply chain,” with F. Gonzales, P. Guillotreau et L. Le Grel , *Canadian Journal of Agricultural Economics*, 61: 37-60.
- 2009 “Organic Food Consumption Patterns,” with D. Hassan, S. Monier-Dilhan et V. Nichèle, *Journal of Agricultural and Food Industrial Organization*, Vol. 7(2), Article 12.
<http://www.bepress.com/jafio/vol7/iss2/art12>
- 2009 “Contractualisation et diffusion spatiale des mesures agro-environnementales herbagères,” with G. Allaire and E. Cahuzac, *Revue d’Etudes en Agriculture et Environnement*, 90: 25-50.

- 2008 "Semiparametric Hedonic Price Models : Assessing the Effects of Agricultural Non-point Source Pollution," with C. Bontemps and Y. Surry, *Journal of Applied Econometrics*, 23: 825-842.
- 2005 "Price-Cost Margins and Structural Change: Sub-Contracting within the French Salmon Value Chain," with P. Guillotreau and L. Le Grel, *Review of Development Economics*, 9: 581-597.
- 2004 "Transmission des prix dans les filières fruits et légumes : une application des tests de cointégration avec seuils," with D. Hassan, *Economie Rurale*, 283-284: 27-46.
- 2001 "Assessing Consumer Response to Protected Designation of Origin Labeling: A Mixed Multinomial Logit Approach," with C. Bonnet, *European Review of Agricultural Economics*, 28: 433-449.
- 2001 "Welfare Losses due to Market Power: Hicksian versus Marshallian Measurement," with P. Lavergne and V. Réquillart, *American Journal of Agricultural Economics*, 83: 157-165.
- 2000 "Estimation of Two-Stage Models of Multicrop Production: With an Application to Irrigated Water Allocation in Tunisian Agriculture," with N. Belhaj Hassine, *Région et Développement*, 12: 121-141.
- 1998 "Pertes de bien-être et pouvoir de marché dans les industries agro-alimentaires françaises," with P. Lavergne and V. Réquillart, *Economie et Prévision*, 135: 77-86.
- 1996 "Comparing Fourier and Translog Specifications of a Multiproduct Technology: Evidence from an Incomplete Panel of French Farmers," with M. Ivaldi, N. Ladoux and H. Ossard, *Journal of Applied Econometrics*, 11: 649-668.
- 1996 "Functional Estimation under Shape Constraints," with M. Delecroix and C. Thomas-Agnan, *Journal of Nonparametric Statistics*, 6: 69-89.
- 1995 "A Shape Preserving Smoother: Simulation Study," with M. Delecroix and C. Thomas-Agnan, *Computational Statistics*, 10: 155-175.
- 1995 "Stochastic Production Frontiers and Panel Data: A Latent Variable Framework," with M. Ivaldi and S. Monier-Dilhan, *European Journal of Operational Research*, 80: 534-547.
- 1994 "Productive Efficiency of French Grain Producers: A Latent Variable Model," with M. Ivaldi and I. Perrigne, *Journal of Productivity Analysis*, 5: 287-299.
- 1994 "Efficacité dans la production céréalière : une approche non paramétrique," with I. Perrigne, *Cahiers d'Economie et de Sociologie Rurales*, 31: 106-124.
- 1992 "Systèmes de régressions empilées et panel incomplet: un tour d'horizon," with M. Ivaldi, *Economie et Prévision*, 105: 97-107.

Submissions and works in progress

- 2017 "Decomposition of changes in the consumption of macronutrients in Vietnam between 2004 - 2014," with H.T. Trinh and C. Thomas-Agnan.
- 2017 "Optimal Capital Adequacy Ratios: An investigation of Vietnamese commercial banks," with Nguyen Phuong Anh and Tran Bich Le.
- 2017 "A Fresh Look at the Nutrition Transition in Vietnam using Semiparametric Modeling , " with H.T. Trinh and C. Thomas-Agnan, submitted
- 2017 "Impact of socioeconomic factors on nutritional diet in Vietnam from 2004 to 2014: new insights using compositional data analysis," with J. Morais, C. Thomas-Agnan and H.T. Trinh, submitted.
- 2017 "Does board gender diversity influence firm profitability? A control function approach," with R. Dang, L. Houanti and F. Teulon, submitted.
- 2017 "Interpreting the impact of explanatory variables in compositional models," with J. Morais and C. Thomas-Agnan, submitted.
- 2017 "Growth Strategy with Social Networks and Physical Capital - Evidence and Theory: the Case of Vietnam," with Cuong Le-Van, Anh Ngoc Nguyen, and Ngoc-Minh Nguyen, under revision.
- 2015 "The impact of pollution abatement investments on technology: New insights from frontier analysis," with J.-P. Huiban, C. Mastromarco and A. Musolesi, under revision.

Book chapters

- 2016 "Productivity convergence in Vietnamese manufacturing industry: evidence using a spatial Durbin model," with P.A. Nguyen and T.H. Phan, in: Huynh, Van-Nam, Kreinovich, Vladik, Sriboonchitta, Songsak (Eds.), *Causal Inference in Econometrics*, 603-619. Studies in Computational Intelligence, 622, Springer International Publishing.
- 2015 "Financial Ratios and Efficiency of Vietnamese Banks: A Semiparametric Approach," with Nguyen Phan Tuan Dat, Nguyen Phuong Anh, and Phan Tat Hien. In: *New Perspectives in Business, Economics and Management Research and Practice*, 586-594, 2015.
- 2011 "Modèles à direction révélatrice unique: application en économie," in: J.-J. Droesbeke, and G. Saporta (eds), *Approches Non Paramétriques en Régression*, Paris: Editions TECHNIP, 357-386.
- 1999 "Enquête sur la sécurité alimentaire dans le cadre des enseignements de l'ENSAI," with O. Deletombe, L. Huon de Penanster, P. Lainé, and Y. Tillé (eds), *Enquêtes et sondages: Méthodes, modèles, applications, nouvelles approches*, Paris: Dunod, 47-53.
- 1995 "Econometrics of Optimal Procurement Auctions," with J.-J. Laffont, A. Oustry, and Q.H. Vuong, in: D. Neven and L.H. Röller (eds), *The Empirical Analysis of Industrial Organization*, Center for Economic Policy Research, London.