

## Curriculum Vitae

**Name** : Wiston Adrián Risso Charquero  
**Date of birth** : 02/28/1978  
**Place of birth** : Montevideo (Uruguay)  
**Nationality** : Uruguayan  
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### Education:

**Dec.2009, Post-Doctorate** (*Econometrics and Quantitative methods in Finance*), Department of Economics, University of Siena (Italy),(January 2008-December 2009) (with Scholarship from the *University of Siena, Italy*)

**2009, PhD in Economics**, Department of Economics, University of Siena (Italy),(from October 2003 to January 2009) (with scholarship from the *Ministero degli Affari Esteri, Italy*) (<http://www.econ-pol.unisi.it/dottorato/>)  
Thesis: "Measuring the informational efficiency in the stock markets and its economic effects" discussed on 19<sup>th</sup> January 2009.

**2004, MSc in Economics**, Department of Economics, University of Siena (Italy), (from October 2003 to July 2004)

**2002, Degree in Economics**, Universidad de la República, Montevideo (Uruguay),(from March 1996 to December 2002), Thesis: "Determinantes del sendero de crecimiento balanceado en Uruguay: implicaciones del capital humano (1960-2000)"

### Employment history

**-Research Assistant (Full time)**, School of Economics and Management, Free University of Bozen-Bolzano, Bolzano, Italy. Projects: "Dynamical regimes in Economics", (from January 2007 to June 2007); "Dynamics method in tourism economics" (from September 2008 to January 2009); and "Tourism, growth, development and sustainability. The case of the South-Tyrolean region" (from February 2009 to June 2009).

Tasks: Review of pertinent literature; Collected the relevant database; working meetings; designed relevant softwares; estimation of relevant models; collaboration in sketching and writing the papers.

**-Financial Analyst (Part time)**, hedge fund Solid Investment Group, Zurich, Switzerland. (from January 2008 to March 2008).

Tasks: Estimation of a macroeconomic model to forecast the evolution of the relevant financial variables in US; Quantitative reports on investment funds using risk and adjusted performance statistics; Analysis about the ability of a particular fund generating alpha.

### Language Skills

Spanish : Native  
English : Fluent  
Italian : Fluent

### Publications

- 1) (2011) "The impacts of international tourism demand on economic growth of small economies dependent on tourism", (with Brida, J., Schubert, S.), *Tourism Management* (forthcoming in Vol. 32)
- 2) (2011) "Tourism demand forecasting with SARIMA models: the case of South Tyrol", (with Brida, J.), *Tourism Economics*. (forthcoming in vol. 17 (1) )
- 3) (2010) "Cruise Passengers Expenditure analysis and probability of repeat visits to Costa Rica: A Cross-Section data analysis", *Tourism Analysis*, vol. 15 (4).
- 4) (2010) "Grupos de desempeño económico en los países de América", (with Brida, J., London S.), *Revista CEPAL*, n. 101, pp. 39-58
- 5) (2010) "Análisis de cointegración y valores umbrales entre la inflación y el crecimiento económico en México: 1970-2007" (with Carrera E.), *Ensayos: Revista de economía*, Vol. 29 (2), pp. 77-98
- 6) (2010) "Causality between economic growth and tourism expansion: empirical evidence from Trentino-Alto Adige", (con Barquet, A., Brida, J.), *Tourismos: An International Multidisciplinary Journal of Tourism*, vol.5 (2), pp. 87-98
- 7) (2010) "Real Wages as Determinant of Labour Productivity in the Mexican Tourism Sector", *European Journal of Tourism Research*, (with Brida, J., Carrera, E.), vol. 3(1) pp. 67-76.
- 8) (2010) "The tourism-led growth hypothesis for Uruguay" (con Brida, J., Lanzilotta, B., Lionetti, S.), *Tourism Economics*, vol. 16 (3), pp. 765-772
- 9) (2010) "Tourism as a determinant of economic growth", (with Brida, J.), *Journal of Policy Research in Tourism, Leisure and Events*, Vol .2 (1), pp. 14-28
- 10) (2010) "Dynamics and Structure of the 30 Largest U.S. Companies" (with Brida, J.), *Computational Economics*, vol. 35 (1), pp.85-99.
- 11) (2010) "Hierarchical structure of the German stock market" (con Brida, J.), *Experts Systems with Applications*, vol. 37 (5), pp. 3846-3852.
- 12) (2010) "Hierarchical Structure of the Internationalized Spanish Hotel Industry", (with Brida, J., Such, M., Parte, L.), *Tourism Management* ,Vol. 31 (1), pp. 57-73.
- 13) (2009) "Inflation and Mexican economic growth: long run relation and threshold effects", (with Carrera, E.), *Journal of Financial Economic Policy*, Vol. 1 (3), pp. 246-263.
- 14) (2009) "Tourism as a factor of long-run economic growth: an empirical analysis for Chile" (with Brida, J.), *European Journal of Tourism Research*, vol. 2, n.2, pp. 178-185
- 15) (2009) "Dynamic and Structure of the Italian stock market based on returns and volume trading" (with Brida, J.), *Economics Bulletin*, vol. 29 (3), pp. 2417-2423
- 16) (2009) "A dynamic panel data of the German demand for tourism in South Tyrol" (with Brida, J.), *Tourism and Hospitality Research*, vol. 9 (4) pp.305-313.
- 17) (2009) "The Tourism-Led growth hypothesis: empirical evidence from Colombia" (with Zapata, S., Brida, J., Such, M., Pereyra, J.), *Tourismos: An international Multidisciplinary Journal of Tourism*, vol. 4 (2), pp.13-27.
- 18) (2009) "The Informational Efficiency: The Emerging Markets Versus the Developed Markets", *Applied Economics Letters*, vol. 16 (5), pp. 485-487.
- 19) (2009) "Dynamical Hierarchical Tree in Currency Markets" (with Brida, J., Matesanz, D.). *Experts Systems with Applications*. Vol. 36 (4), pp.7721-7728.
- 20) (2009) "Turismo y Crecimiento Económico: Un Análisis Empírico de Colombia", (with Brida, J., Such, M., Pereyra, J., Zapata, S.), *Estudios y Perspectivas en Turismo*, Vol. 18 (1), pp. 21-35.
- 21) (2008) "Estructura Jerárquica y Dinámica en los Mercados Cambiarios Latinoamericanos", (with Brida, J., Matesanz, D.), *Revista Investigación Económica*, UNAM, Vol. 68(267), pp. 115-146.
- 22) (2008) "Multidimensional Minimal Spanning Tree: The Dow Jones Case". (with Brida, J.), *Physica A*. Vol. 387, pp. 5205-5210.
- 23) (2008) "The Informational Efficiency and the Financial Crashes", *Research in International Business and Finance*, Vol. 22, pp. 396-408.
- 24) (2008) "Tourism's Impact on Long-Run Mexican Economic Growth", (with Brida, J., Carrera, E.), *Economics Bulletin*, Vol. 3 (7), pp. 1-10

- 25) (2008) "Human capital and innovation: a model of endogenous growth with a "skill-loss effect"", (with London,S.,Brida,J.), *Economics Bulletin*, Vol. 15 (7), pp. 1-10.
- 26) (2008) "Long-Run Equilibrium Demand Function: The Mexican Tourism", (with Brida,J.,Carrera,E.), *Tourismos: An International Multidisciplinary Journal of Tourism*, Vol. 3(1), pp. 66-82. (2008)
- 27) (2008) "Turismo y Crecimiento Económico: el caso de Uruguay", (with Lanzilotta,B.,Brida,J.), *Pasos. Revista de Turismo y Patrimonio Cultural*, Vol. 6 (3), pp. 481-492.
- 28) (2007) "Dynamics and Structure of the Main Italian Companies", (con Brida, J.), *International Journal of Modern Physics C*, Vol. 18 (11), pp. 1783-1793.
- 29) (2007) "El modelo de Crecimiento Restringido por la Balanza de Pagos: Evidencia Empírica para Bolivia, 1950-2002", (with Arevilca,B.), *Revista Venezolana de Análisis de Coyuntura*, Caracas, Venezuela. Vol. 13 (1), pp. 203-231.
- 30) (2005) "Determinantes del sendero de crecimiento balanceado en Uruguay: implicaciones del capital humano (1960-2000)", (with Storch, G.), *Revista Venezolana de Análisis de Coyuntura*, Vol. 11 (2), pp. 139-187.

#### Awards:

\*Doctor Manuel Noriega Morales 2007-2008 about topics of interest for the **Central Bank of Guatemala**, 3<sup>rd</sup> place. Title: "Contagio, Correlaciones y Topología. Análisis de la Dinámica Cambiaria en los Mercados Latinoamericanos". Co-authors: Brida and Matesaenz. Prize: USD 1300. Financed by the Central Bank of Guatemala.

\*Invited to do interviews at the **World Bank** for the Program Young Professionals (December 2009). I was one of the 200 selected professionals among 12000 applicants.

#### Conferences:

- 1) "Measuring the informational efficiency and its relation with the financial risk", *Scuola Normale Superiore di Pisa*, 24th March 2009, Pisa, Italy.
- 2) "A dynamic panel data study of the German demand for tourism in South Tyrol", *International Conference Advances in Tourism Economics 2009*, April 2009, Lisbon, Portugal.
- 3) "The tourism as a determinant of the economic growth in South Tyrol ", *Planning for the Future - Learning from the Past: Contemporary Developments in Tourism, Travel & Hospitality*, 3-5 April 2009, Rhodes island, Greece.
- 4) "Learning Strategies in Modelling Economic Growth", *XVI Conference on Nonequilibrium Statistical Mechanics & Nonlinear Physics (MEDYFINOL'08)*, 1-5 December 2008, Punta del Este, Uruguay.
- 5) "Contagio, Correlaciones y Topología. Análisis de la Dinámica Cambiaria en los Mercados Latinoamericanos", *XXIII Meeting of Economics of the Central Bank of Uruguay*, August 2008, Montevideo, Uruguay.
- 6) "Hierarchical Structure of the Internationalized Spanish Hotel Industry", *First QATEM Workshop*, Perpignan, France.
- 7) "Turismo y Crecimiento Económico: El Caso de Uruguay", *EIGTUR2008 conference*, Ouro Preto, Brazil.
- 8) "Long-Run Equilibrium Demand Function: The Mexican Tourism", *EIGTUR2008 conference*, Ouro Preto, Brazil.
- 9) "Statistic Methods in Nonlinear Dynamics: Applications to Financial Time Series", Conference in UNAM, November 2007, City of Mexico, Mexico.
- 10) "Human Capital and Innovation: a model of endogenous growth with a "skill-loss effect", *Workshop on Public Economics and Growth*, 28-30 September 2007, Termas de Cauquenes, Chile.
- 11) "Human Capital and Innovation: a model of endogenous growth with a "skill-loss effect", *XLII REUNION ANUAL - Universidad Nacional del Sur*, 14<sup>th</sup> November 2007, Bahía Blanca, Argentina.

- 12) "Human Capital and Innovation: a model of endogenous growth with a "skill-loss effect", *Workshop in Economic Growth and Poverty Traps*, 27<sup>th</sup> November 2007, San Luis de Potosi, Mexico.
- 13) "Contagio, Correlaciones y Topología. Análisis de la Dinámica Cambiaria en los Mercados Latinoamericanos" *XLII REUNION ANUAL - Universidad Nacional del Sur*, 14th November 2007, Bahia Blanca, Argentina.
- 14) "Tourism Impact in the Long-Run Mexican Economic Growth", *ATLAS conference*, Viana do Castelo, Portugal.
- 15) "Long-Run Equilibrium Demand Function: The Mexican Tourism", *ATLAS conference*, Viana do Castelo, Portugal.
- 16) "Hierarchical Structure and Dynamics of Financial Assets", *Econophysics Colloquium and beyond Conference*, Polytechnic University of Marche, September, Ancona, Italy.
- 17) "Dynamics and structure of a Set of Stocks" , *ICBME'07, Third International Conference on Business, Management and Economics*, 13-17 June 2007, Izmir, Turkey.
- 18) "Dynamics and Structure of the 30 Largest North American Companies", *Applications of Physics in Financial Analysis (APFA 6th international conference)*, 4-7 July 2007, Lisbon, Portugal
- 19) "Dynamic and Structure of the Main Italian Companies", *8th Econometrics and Statistics Congresses of Turkey*, 24-25 May 2007, Malatya, Turkey.
- 20) "Dynamical Hierarchical Tree in Currency Markets", *6th Annual Conference, Forecasting Financial Markets and Economic Decision-Making, FindEcon 2007*, Department of Econometrics (University of Lodz, Poland), 9-12 May 2007, Lodz, Poland.
- 21) "Dynamics and Structure of the 30 Largest North American Companies", *International Workshop on Computational and Financial Econometrics*, Department of Econometrics, University of Geneva, 20-22 April 2007, Geneva, Switzerland.
- 22) "A Randomness Test for Financial Time Series", *Workshop on Mathematical Economics and VII JOLATE*, IMPA, 2006, Rio de Janeiro, Brazil.
- 23) "A Randomness Test for Financial Time Series", *XXI Meeting of Economics of the Central Bank of Uruguay*, August 2006, Montevideo, Uruguay.

**Software Skills:**

-Econometric and Statistical Packages: EViews, Stata and SPSS. In particular, I estimated the relevant models in the published papers.

-Scientific Workplace.

-Microsoft Office (Word, Excel, Windows, DOS, Powerpoint, Internet).

-Programming in Mathematica and MatLab. In particular, I designed programs in MatLab to compute:

- 1) Level of informational efficiency using the Entropy.
- 2) Portfolio Construction using the Tactical Asset Allocation
- 3) Simulation of Efficient Portfolios Frontiers.
- 4) Minimal Spanning Trees applied to the structure of the stock markets, economic growth and economic tourism.