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Place and Date of Birth: Mexico (Hgo). 27-09-1980.

Languages: English, Italian and Spanish (mother tongue).

1 – Academic Degrees and Education:

Research fields: *Cointegration analysis, Growth Modeling and Economic Development, Evolutionary Game Theory, Poverty Traps and Tourism Economics.*

2010: **Ph.D. in Economics** at University of Siena (Italy), Department of Economics.

Thesis: “The Strategic Foundations and Evolutionary Dynamics of Poverty Traps”

Promoters and Supervisors: Professors Costas Azariadis and Lionello Punzo.

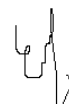
2007: **Master in Economia Politica** at University of Siena (Italy), Department of Economics.

2005: **M. Sc. in Economics** at Universidad Autonoma Metropolitana (Mexico)

Thesis: “Uniqueness of Nash-Cournot equilibrium”.

Promoter and Supervisor: Elvio Accinelli.

2003: **Bachelor Degree in Economics** at Universidad Autonoma de Coahuila (Mexico) with a dissertation entitled “Inflation and Public Economics in Mexico”.



2 – Previous University Positions:

May-June 2006: Assignment for a collaboration with the School of Economics and Management at the Free University of Bolzano, involved in the research project “*Dynamical Regimes in Economics: modeling and statistical tools*” The responsible of the project: Dr. Juan Gabriel Brida.

2005: Assistant Research in Economics at the Universidad Autonoma Metropolitana, Mexico.

3 – GRANTS and AWARDS

(2006-2010) Four-year grant for graduate student at Doctorate level by the Italian Ministry for Education and the University of Siena, Italy.

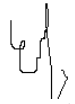
(2005-2010) Five-year scholarship for graduate at Master and Doctorate level student by The National Council on Science and Technology (CONACYT), Mexico.

(2001) Erasmus scholarship for undergraduate student at the Faculty of Economics in the University of Turin, Italy.

4 – Publications and Research Activities

a) Papers in International Refereed Journals

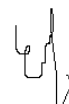
1. “The Evolutionary Game of Poverty Traps” Forthcoming in the journal of *The Manchester School* (2010).
2. “Dynamic Complementarities, Efficiency and Nash Equilibria for Populations of Firms and Workers” (with E. Accinelli, London and Punzo) *Journal of Economics and Econometrics* 53(1), pp. 90-110, (2010).
3. “Inflation and Economic Growth in Mexico: long-run relation and threshold effects” (with A. Risso) *Journal of Financial Economic Policy* 1(3), pp. 246-263 (2010).
4. “Imitative Behavior in a Two Population Model” (with E. Accinelli), *Annals of the International Society of Dynamic Games XI*.
5. “Real Wages as Determinant of Labour Productivity in the Mexican Tourism Sector” (with Brida and Risso) *European Journal of Tourism Research* Vol. 3 N° 1, (2010).
6. "The Evolutionary Game of Poverty Traps" Working paper at the *Quaderni del Dipartimento di Economia Politica* 555. University of Siena (2009).
7. “Tourism’s Impact on Long-Run Mexican Economic Growth” (with A. Risso and G. Brida). *Economics Bulletin*, Vol. 23, No. 21, pp. 1-8. (2008)



8. "A Long-Run Equilibrium Demand Function: The Mexican Tourism" (with A. Risso and G. Brida). *TOURISMOS: An International Multidisciplinary Journal of Tourism*. Volume 3, Issue 1, pp. 66-82 (2008)
9. "Preservation of Environmental Quality and Tourist Investments", (with E. Accinelli and G. Brida), *European Journal of Tourism Research*; Vol. 1, N° 1, pp. 4-16, (2008).
10. "The Effects on Environmental Investment of Changes in Tourism Demand", (with E. Accinelli, G. Brida and J. Pereyra), *TOURISMOS: An International Multidisciplinary Journal of Tourism*, Volume 2, Issue 2, pp. 129-140, Autumn 2007.
11. "Second Homes: The Effects on Social Welfare of a Change on the Valuation of Individual Opportunity Cost", (with E. Accinelli and G. Brida). *Anatolia: an international journal of tourism and hospitality research*, Vol. 18, no. 1, pp. 85-96, 2007.
12. "Rationality of Investment on White Elephants", (with E. Accinelli and G. Brida). *Asian-African Journal of Economics and Econometrics*, Vol. 7, no. 1 pp. 491-497 (2007).

b) Papers in Spanish Journals (refereed)

13. "Análisis de cointegración y valores umbrales entre inflación y crecimiento económico en México: 1970-2007" (with Risso) Forthcoming *Ensayos*, November 2010.
14. "The Evolutionary Processes for the Populations of Firms and Workers" (with E. Accinelli) *Ensayos* 24(1), pp. 39-68, (2010).
15. "Complementariedades dinámicas, eficiencia y equilibrio de Nash en un modelo de firmas y trabajadores" (with Accinelli, London and Punzo), *ECONOQUANTUM Economics and Business Journal* 6(1), pp. 165-84, (2010).
16. "Emergence of Long Run Behaviours in a Game Theoretic Setting with Host and Guest Populations: Residents and Tourists" (with E. Accinelli, G. Brida and L. Punzo), *Journal Papeles de Poblacion* 58(14), (2008).
17. "Unicidad del Equilibrio de Nash-Cournot bajo Correspondencias de Mejor Respuesta" (with E. Accinelli) *ECONOQUANTUM Economics and Business Journal* 4(1), (2008).
18. "Sobre la Contracción y Concavidad de las Funciones de Mejor Respuesta: Unicidad del Equilibrio de Nash" *PERSPECTIVAS Revista de Anàlisis de Economía, Comercio y Negocios Internacionales* 3(4), (2008).
19. "A Good Policy of Sustainable Tourism", (with E. Accinelli and G. Brida). *Journal of Management Finance and Economics* Vol. 2, no. 2, (2008). ITESM Ciudad de México.
20. "A self-organized model of the evolution of a tourist destination" (with G. Brida and S. London), *Revista Estudios Económicos, vol XXIV (N.S.), No. 48, pp. 39-56, enero-junio 2007*, Universidad Nacional del Sur (Argentina).



21. “Un análisis del mercado de compra-venta de casas para vacaciones”, (with E. Accinelli, G. Brida and G. Cavazos). *Revista Interamericana de Ambiente y Turismo RIAT*, Vol. 2, no. 2, (2006), pp. 32-39.

c) Articles in Proceedings and Refereed Books

“Poverty traps, rationality and evolution” (with E. Accinelli, S. London and L. Punzo). To appear as a Chapter in the Book *Dynamics, Games and Science (in Honour of Mauricio Peixoto and David Rand)*, Springer-Verlag 2010. The book will proceed the Conference DYNA2008, Braga, Portugal.

“A two population growing model: Exogamic or Endogamic” (with E. Accinelli and G. Brida). *Proceedings of The International Conference Game Theory and Management* (eds Leon A. Petrosjan and Nikolay A. Zenkevich), Graduate School of Management St. Petersburg State University, Russia, 2007.

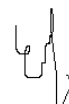
“Preservation of Environmental Quality and Tourist Investments”, (with E. Accinelli and G. Brida). *Proceedings of the 2nd International Conference on Economics of Tourism*, Athens, Greece, 3-4 July 2006. Organized by the Athens Institute For Education And Research and the Academy of Tourism Research & Studies. The paper is available at the web site <http://ssrn.com/abstract=908274>.

“Emergence of long run behaviour in a game theoretic setting with host & guest (e.g. resident & tourist populations)”, (with E. Accinelli, G. Brida and L. Punzo). *New Perspectives and Values in World Tourism & Tourism Management in the Future*, A. Aktas, M. Kesgin, E. Cengiz, E. Yenialp eds., pps. 526 – 542, November 20-22, 2006. Proceedings of the T-K International Tourism Conference, Akdeniz University, Alanya-Turkey. ISBN: 975-7666-82-3. The paper is available at the web site <http://pro.unibz.it/opacrps/>.

“The effects on environmental investment of changes in tourism demand”, (with E. Accinelli, G. Brida and J. Pereyra). *New Perspectives and Values in World Tourism & Tourism Management in the Future*, A. Aktas, M. Kesgin, E. Cengiz, E. Yenialp eds., pps. 564 – 574, November 20-22, 2006. Proceedings of the T-K International Tourism Conference, Akdeniz University, Alanya-Turkey. ISBN: 975-7666-82-3. The paper is available at the web site <http://pro.unibz.it/opacrps/>.

“Tourism with or without commitment: a game theory approach”, (with E. Accinelli, G. Brida and L. Punzo). *New Perspectives and Values in World Tourism & Tourism Management in the Future*, A. Aktas, M. Kesgin, E. Cengiz, E. Yenialp eds., pps. 543 – 550, November 20-22, 2006. Proceedings of the T-K International Tourism Conference, Akdeniz University, Alanya-Turkey. ISBN: 975-7666-82-3. The paper is available at the web site <http://pro.unibz.it/opacrps/>.

“The Valuation of Individual Opportunity Cost of Social Welfare: use of vacation homes”, (with E. Accinelli and G. Brida). Chapter in book entitled *In search of excellence for tomorrow's tourism, travel & hospitality*, P. Tsartas, E. Christou and M. Sigala, editors. Proceedings of the 24th EuroCHRIE Congress, Thessaloniki, Greece 25-28, October 2006. The paper is available at the web site <http://ssrn.com/abstract=901215>.



d) Conference Papers

“The Evolutionary Game of Poverty Traps” To be presented at the **Second Brazilian Workshop of the Game Theory Society, in honor of JOHN NASH** on the occasion of the 60th anniversary of the Nash equilibrium. University of Sao Paulo (Brazil), July 29 to August 5.

“The Evolutionary Game of Poverty Traps” Presented at the International Conference in Honour of Salvatore Vinci, “**Poverty Traps: an empirical and theoretical assessment**”. Naples, 30-31 October 2009.

“The Interplay between Labor Skills and the Labor Market Segmentation” Presented at the Rimini Centre for Economic Analysis, *Workshop on Dynamic Games in Economics*, Rimini, Italy, 4-5 December 2008.

“Tourism Impact in the Long-Run Mexican Economy Growth” Presented at the **6 Taller Internacional de Turismo en el Caribe**, Universidad de Quintana Roo, Cozumel, Mexico, a 27 July 2008.

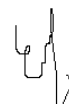
“A self-organized model of the evolution of a tourist destination”, (with Silvia London and Gabriel Brida). Presented at the **International Meeting on Tourism Management (EIGTUR2008)**, to be held in Ouro Preto, MG, Brazil from 25 - 29 March 2008.

“Tourist demand: the importance of the infrastructure”, (with Silvia London and Gabriel Brida). Presented at the First Conference of the **INTERNATIONAL ASSOCIATION FOR TOURISM ECONOMICS (IATE)**, Palma de Mallorca from 25 to 27 October 2007.

“A Long-Run Equilibrium Demand Function: The Mexican Tourism” (with Wiston Adrián Riso and Gabriel Brida). Presented at the **ATLAS annual conference 2007 “Destinations revisited. Perspectives on developing and managing tourist areas”**, Viana do Castelo, Portugal, 5 - 7 September 2007.

“Tourism Impact in Long-Run Mexican Economic Growth” (with Wiston Adrián Riso and Gabriel Brida). Presented at the **ATLAS annual conference 2007 “Destinations revisited. Perspectives on developing and managing tourist areas”**, Viana do Castelo, Portugal, 5 - 7 September 2007.

“A two population growing model: Exogamic or Endogamic” (with Elvio Accinelli and Gabriel Brida). Presented at the **6th International Congress on Industrial and Applied Mathematics, ICIAM 2007**, Zurich, Switzerland, 16-20 July.



e) Teaching Experience:

“Economía del Turismo” Universidad de Quintana Roo, Master in Economía Pública.
Summer 2008.

Referee:

I am competent to **referee/review** for:

“*Journal of Financial Economic Policy*” and;

“*ECONOQUANTUM Economics and Business Journal*”

Computer skills: EViews, LaTeX, Mathematica Wolfram.

4 – REFERENCES:

Prof. Dr. Costas Azariadis

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Department of Economics
Washington University in St Louis.
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Prof. Dr. Elvio Accinelli

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Prof. Dr. Sam Bowles

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and Dipartimento di Economia Politica
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Prof. Dr. Lionello F. Punzo

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