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CURRICULUM VITAE  
ALESSIO EMANUELE BIONDO

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PERSONAL DETAILS:

Surname: Biondo  
Name: Alessio Emanuele  
Place and date of birth: Catania (Italy), August, 7<sup>th</sup>, 1977.  
Address: Department of Economics and Business,  
C.so Italia 55, 95129 Catania – Italy.  
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CURRENT POSITION:

2014 – present: National Habilitation of Associate Professor in Economic Policy.  
2014 – present: Affiliate Professor of Environmental Economics.  
2013 – present: Member of the Executive Board of the Department of Economics and Business.  
2012 – present: Affiliate Professor of International Economic and Financial Policy.  
2009 – present: Assistant Professor of Economic Policy.

CURRICULUM STUDIORUM:

2008 – *Chartered Accountant and Auditor* (National Italian Public-Law Certification).  
2005 – Ph.D. in *Economics and Statistics*, The University of Catania.  
2004 – Post-Graduate *Econometrics* at the Bertinoro CIDE Summer School.  
2003 – Master of Science (M.Sc.) in *Economics*, The University of Manchester.  
2002 – TOEFL Certificate.  
2001 – Laurea in *Economics*, 110/110 *graduate with honors*, The University of Catania.  
(Former Italian 4-years Laurea was equivalent to a 3-years Bachelor plus a 1-year graduate Master)

PAST SCHOLARSHIPS AND RESEARCH CONTRACTS (WITH FUNDS ATTRIBUTION):

2007(May) – 2009(Feb): Post-Doc Researcher at the University of Catania. Research topic:  
“*Economic Growth, Globalization, and Financial Stability: Dynamics of International Capital Flows*”.

TEACHING ACTIVITY:

2015-2016: Affiliate Professor of “*International Economic and Financial Policy*”  
Post-Graduate Course in Corporate Finance, University of Catania.  
2015-2016: Affiliate Professor of “*Environmental Economics*”  
Bachelor Course in Natural Sciences, University of Catania.  
2015-2016: Affiliate Professor of “*Economic Policy*”  
Bachelor Course in Management, University of Catania.  
2014-2015: Affiliate Professor of “*International Economic and Financial Policy*”  
Post-Graduate Course in Corporate Finance, University of Catania.  
2014-2015: Affiliate Professor of “*Environmental Economics*”  
Bachelor Course in Natural Sciences, University of Catania.  
2013-2014: Affiliate Professor of “*International Economic and Financial Policy*”  
Post-Graduate Course in Corporate Finance, University of Catania.  
2013-2014: Affiliate Professor of “*Environmental Economics*”  
Bachelor Course in Natural Sciences, University of Catania.  
2012-2013: Affiliate Professor of “*International Economic and Financial Policy*”  
Post-Graduate Course in Corporate Finance, University of Catania.  
2011-2012: Professor of “*Policies for Environmental Sustainability*”  
Post-Graduate Master in “*Cultural Goods Management*”  
(Faculty of Foreign Languages, University of Catania).

- 2011-2012: Affiliate Professor of “*International Economic and Financial Policy*”  
Post-Graduate Course in Corporate Finance, University of Catania.
- 2010-2011: Member of the Ph.D. Board - Ph.D. in “*Local Development*”  
University of Catania.
- 2010-2011: Affiliate Professor of “*Economic Policy*”  
University of Catania.
- 2009-2010: Affiliate Professor of “*Economics of the Firm and Market Organization*”  
Post-Graduate Course in Corporate Finance, University of Catania.
- 2006-2007: Adjunct Professor for Tutorials of “*Fundamentals of Economics*”  
University of Catania.
- 2006-2007: Contract Professor of “*Analysis of Italian Economy between 1995 and 2005: Income Distribution and Demand Dynamics*”  
University of Catania.
- 2005-2006: Adjunct Professor for Tutorials of “*Fundamentals of Economics*”  
University of Catania.
- 2005-2006: Contract Professor of “*Analysis of Italian Economy between 1995 and 2005: Income Distribution and Demand Dynamics*”  
University of Catania.

#### PERSONAL EDUCATION:

(SELECTED DISCIPLINES – POST-GRADUATE LEVEL, BOTH MASTER AND PHD LEVEL):

Microeconomics (I and II), Macroeconomics (I and II), Mathematical Analysis for Economics (I and II), Dynamic Systems, Finance, Economic Policy (I and II), Statistics, Econometrics, Advanced Econometrics, Public Economics, International Economics, International Trade Theory, Growth Theory, Environmental Economics, Games and Economic Behaviour, Marketing, Accountancy and Banking.

#### RESEARCH TOPICS:

Financial Markets, Behavioural Finance, Econophysics, Complex Systems, Networks, Macroeconomics, Macroeconomic Dynamics, Consumer Choice, Environmental Economics, Sustainable Development.

#### SELECTED PUBLICATIONS:

- 2016 – “Order Book, Financial Markets, and Self-Organized Criticality”, *Chaos, Solitons and Fractals*, DOI: 10.1016/j.chaos.2016.03.001. (with Pluchino A., Rapisarda A.)
- 2016 – “Perfect Information vs Random Investigation: Safety Guidelines for a Consumer in the Jungle of Product Differentiation”, *PLOS ONE*, DOI: 10.1371/journal.pone.0146389 (with Giarlotta A., Pluchino A., Rapisarda A.).
- 2015 – “Modeling financial markets by self-organizing criticality”, *Physical Review E*, vol. 92, 042814 (with Pluchino A., Rapisarda A.).
- 2014 – “Agricultural Resources Allocation and Environmental Sustainability”, *Journal of Environmental Management and Tourism*, vol.V, Issue 2(10), pp.105-113. (with Bonaventura L.)
- 2014 - “Micro And Macro Benefits Of Random Investments In Financial Markets”, *Contemporary Physics*, Vol.55 Issue 4, DOI: 10.1080/00107514.2014.929308. (with Pluchino A., Rapisarda A.)
- 2014 – “Organic Food and the Double Adverse Selection: Ignorance and Social Welfare” *Agroecology and Sustainable Food Systems*, vol. 38 (2), pp. 230–242.
- 2013 - “Reducing Financial Avalanches by Random Investments”, *Physical Review E*, vol. 88, 062814 (with Pluchino A., Rapisarda A., Helbing D.)
- 2013 - “Are Random Trading Strategies More Successful than Technical Ones?”, *PLOS ONE*, vol. 8, Issue 7, e68344. (with Pluchino A., Rapisarda A., Helbing D.)
- 2013 - “The Beneficial Role of Random Strategies in Social and Financial Systems”, *Journal of Statistical Physics*, vol. 151, Issue 3-4, pp. 607-622. (with Pluchino A., Rapisarda A.)
- 2013 - “Return Migration After Brain Drain: A Simulation Approach”, *Journal of Artificial Societies and Social Simulation*, vol. 16 (2) 11, <http://jasss.soc.surrey.ac.uk/16/2/11.html> (with Pluchino A., Rapisarda A.)

- 2013 – “Brain Drain, Individual Preferences And Wage Differentials: A General Model Of Rational Migration”, *Journal of Academic Research in Economics*, vol.5 (2), pp. 209-235. . (with Lisi D.)
- 2012 - “What’s Up After Brain Drain? Sometimes, Somewhere, Someone Comes Back: A General Model Of Return Migration”, *International Review of Economics*, vol. 59, pp. 269-284.
- 2012 - “Propensity To Return: Theory and Evidence of Italian Brain Drain”, *Economics Letters*, 115 pp. 359–362. (with Monteleone S., Skonieczny G., and Torrisi B.)
- 2012 - “Youth Migration: Study, Job and Life Perspectives”, *International Journal of Education Economics and Development*, vol. 3, No. 2, pp.127-148.
- 2012 - “Tourism and Environment: The Positive Externality”, *International Journal of Sustainable Economy*, vol. 4, No. 2, pp.155-166.
- 2011 - “High-Tech Products and the Double Adverse Selection: Does Commercial Distribution Worsen Efficiency?”, *Journal of Knowledge Management, Economics and Information Technology*, vol. I, Issue 7, pp. 1-18.
- 2010 - “The Law of One Price: Survey of a Failure”, *Theoretical and Practical Studies in Economic Fields*, vol. I, Issue 2(2), pp. 168-182.
- 2010 - “Return Migration In Italy: What Do We Know?”, *Journal of Advanced Research in Management*, vol. I, Issue 2(2), pp. 94-101. (with S. Monteleone)
- 2010 - “A Growth Rate for a Sustainable Economy”, *Journal of Applied Economic Sciences*, vol. 2 (12), pp. 8-21.
- 2006 - “The Sustainable Perspective between Growth and Development”, *Sistemiaeconomico* n.1/2, pp. 25-46.

ACADEMIC PUBLICATIONS:

- 2003 - “*Economic Growth and Sustainable Development*”, The University of Manchester Press.