

PERSONAL

German citizen, fluent in English and Serbo-Croatian; married with one child.

CONTACT INFORMATION

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EDUCATION

New School for Social Research New York, USA
PhD in Economics, 2003
MA in Economics & Finance, 1998

Scuola Superiore Sant' Anna Pisa, Italy
Marie Curie Fellow, 2002

University of Southampton Southampton, England
Exchange student (Economics), 1995-96

Johann Wolfgang Goethe Universität Frankfurt, Germany
'Vordiplom' (Economics), 1995

EXPERIENCE

Christian-Albrechts-Universität Kiel, Germany
Assistant Professor of Economics Jan. 2005 – Aug. 2007
on leave (with grant funding) Aug. 2007 –

BMSC Ltd. Frankfurt, Germany
Freelance Consultant Jan. 2004 – Dec. 2004

AWARDS AND FELLOWSHIPS

Best Teacher Award at CAU, Economics and Business Administration (2006)
Marie Curie Fellowship of the EU (2002)
Dissertation Fellowship of the Center for Economic Policy Analysis (2000)
University Fellowship of the New School for Social Research (1998)
DAAD Scholarship of the German Academic Exchange Service (1996)
ERASMUS Scholarship of the EU (1995)

GRANTS AND PROJECTS

Volkswagen Foundation

Complex Networks As Interdisciplinary Phenomena, with S. Alfarano, A. Irle, T. Lux, and F. Wagner. The grant finances my current leave from teaching duties until August of 2010, as well as a doctoral position in the mathematics department.

Fritz Thyssen Foundation

Conference Grant Program, with T. Lux. As organizers of the 4th annual Econophysics Colloquium, we used the grant to cover expenses for our six invited speakers.

CONFERENCE ORGANIZATION

4th **Econophysics Colloquium**, August 2008 in Kiel

Workshop on Bubbles, Herding and Crashes, October 2005 in Kiel

MEMBERSHIP IN SCIENTIFIC & PROGRAM COMMITTEES

PAESS: Physics Applied to Economics and Social Sciences, Nov. 2008 in Porto Alegre
15th **ESHIA/WEHIA** Meeting, June 2010 in Alessandria/Italy

REFEREE FOR

Applied Economics, Economics E-Journal, European Physical Journal B, Journal of Economic Behavior and Organization, Journal of Economic Dynamics and Control

EDITORIAL ACTIVITY

Topical section: Interdisciplinary Applications of Physics in Economics and Finance, *European Physical Journal B*, 73(1), January 2010.

TEACHING

Christian-Albrechts-Universität

Derivative Pricing (graduate/advanced undergraduate level):

Summer 2007, Summer 2006 (**Best Teacher Award**)

International Monetary Economics (advanced undergraduate level):

Summer 2007, Summer 2006, Summer 2005

Introductory Macroeconomics (undergraduate level):

Winter 2006-07, Winter 2005-06

Behavioral Finance (Seminar, graduate/advanced undergraduate level):

Winter 2005-06

Empirical Finance (Seminar, graduate/advanced undergraduate level):

Winter 2006-07

New School for Social Research

Introduction to Probability Theory and Statistics (graduate level): Fall 2001

EXECUTIVE EDUCATION

HSH Nordbank Kiel

Money and Credit (Seminar Series)

January & October 2009

International Financial Markets (Seminar Series)

February & November 2009

Risk Management (Seminar Series)

March & December 2009

REFERENCES

Duncan K. Foley

Department of Economics

New School for Social Research

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Cars H. Hommes

Department of Quantitative Economics

Universiteit van Amsterdam

Roetersstraat 11

1018 WB Amsterdam

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PUBLICATIONS (*journal articles*)

“What distinguishes individual stocks from the index?” with F. Wagner and S. Alfarano, *European Physical Journal B*, 73(1), pp. 23–28, 2010.

“Network structure and N-dependence in agent-based herding models,” with S. Alfarano, *Journal of Economic Dynamics and Control*, 33(1), pp. 78–92, January 2009.

“Does classical competition explain the statistical features of firm growth?” with S. Alfarano, *Economics Letters*, 101(3), pp. 272–274, December 2008.

“A nonparametric approach to the noise density in stochastic volatility models,” with S. Alfarano and F. Wagner, *Applied Financial Economics Letters*, 4(5), pp. 311–314, September 2008.

“Turnover activity in wealth portfolios,” with C. Castaldi, *Journal of Economic Behavior and Organization*, 63(3), pp. 537–552, July 2007.

“Scale and technological factors in the diversification structure of business firms,” with C. Castaldi and A. Secchi, *Economics Letters*, 91(1), pp. 117–121, April 2006.

“First results of the introduction of DRGs in Germany and overview of experience from other DRG countries,” with W. Böcking, U. Ahrens, and W. Kirch, *Journal of Public Health*, 13(3), pp. 128–137, June 2005.

BOOK CONTRIBUTIONS (*edited volumes, proceedings, special issues, etc.*)

“Interdisciplinary Applications of Physics in Economics and Finance,” with S. Alfarano and T. Lux, *European Physical Journal B*, 73(1), pp. 1–2, 2010.

“Do we all face the same constraints?” in Chatterjee, A., S. Yarlagadda, and B. K. Chakrabarti (Eds.), *The Econophysics of Wealth Distributions*, pp. 184–191, Springer-Verlag, Italy, 2005.

COMPLETED PAPERS

“The small core of the German corporate board network,” with S. Alfarano and T. Lux (minor revisions, *Computational and Mathematical Organization Theory*)

“A statistical equilibrium model of competitive firms,” with S. Alfarano, A. Irle and J. Kauschke (submitted)

“Firm profitability and the network of organizational capabilities,” with F. Wagner and S. Alfarano (submitted)

“Switching rates and the asymptotic behavior of herding models,” with A. Irle, J. Kauschke, and T. Lux (submitted)

“Network hierarchy in Kirman’s ant model: Fund investments can create risks,” with S. Alfarano and M. Raddant (submitted)