VALENTYN PANCHENKO, PhD

School of Economics, University of New South Wales
Sydney, NSW 2052, Australia

Office phone: +61 2 93853363
Private phone: +61 4 24747346
Office fax: +61 2 93136337

Email: v.panchenko@unsw.edu.au
Homepage: http://research.economics.unsw.edu.au/vpanchenko

EXPERIENCE

Visiting academic positions:

University of Amsterdam, the Netherlands	05/10-07/10
Cambridge University, UK	04/10-05/10
Santa Fe Institute, USA	03/10-04/10

Permanent academic position:

University of New South Wales, Sydney, Australia — 10/2006 - present
Economics, Australian School of Business
Associate Professor — since 01/13
Senior Lecturer — 07/08-01/13
Lecturer — 10/06-07/08

- Research: Econometrics, Behavioral Economics
- Teaching: Advanced Econometrics, Financial Economics, Financial Econometrics
- Admin. roles: Honours Coordinator, member of hiring committee, seminar organizer

University of Amsterdam, Amsterdam, the Netherlands — 09/2002 - 10/2006
Center for Nonlinear Dynamics in Economics and Finance
Research Associate

- Research project: Information Flows in Financial Markets
- Nonlinear statistical analysis, dependence measures

Oregon State University, Corvallis, OR, USA — 09/2000 - 06/2002
Department of Economics
Graduate Teaching Assistant /part-time/

- Tutoring in Economics
- Computer lab sessions

Parliament of Ukraine, Kyiv, Ukraine — 09/1999 - 06/2000
Committee for Economic Policy, Finance and Investment
Consultant

- Bills impact analysis
- Macro-economic research
- Models for exchange rate forecasting

Trident Consulting & Investing, Lviv, Ukraine — 07/1997 - 09/1999
Department of Market Researches
Project Manager /part-time/

- Processing market data, preparing reports and presentations
- Economic climate consulting for foreign investments
- Controlling department financial flows: revenue/cost analysis

EDUCATION

University of Amsterdam, the Netherlands — 09/2002 - 10/2006
Center for Nonlinear Dynamics in Economics & Finance,
Financial Econometrics, Ph.D.

- Dissertation: Nonparametric Methods in Economics and Finance: Dependence, Causality and Prediction
  Supervisors: Cees Diks and Cars Hommes

Tinbergen Institute, Amsterdam, the Netherlands — 09/2002 - 07/2004
Economics, M.Phil.

Oregon State University, Corvallis OR, USA — 09/2000 - 06/2002
Economics & Business Administration, M.S.
- Senator Edmund S. Muskie Fellowship

Ivan Franko Lviv National University, Lviv, Ukraine — 09/1995 - 06/2000
International Finance, B.A. (cum laude)

Lviv State University of Technology, Lviv, Ukraine — 09/1995 - 06/1999
Computer science, B.S. (cum laude)

RESEARCH INTERESTS

Econometric and statistical methods
- Estimation for networks
- Dependence measures and copulas
- Non-parametric and semi-parametric econometrics

Structural modeling
- Networks, Bounded Rationality, Behavioural Economics, Macroeconomics

REFEREED PUBLICATIONS

1. "Connecting the dots: Econometric methods for uncovering networks with an application to the Australian financial institutions", 2015, with Mikhail Anufriev, ***Journal of Banking and Finance***, 61, S214-S255
2. "Comparing the Accuracy of Copula-Based Multivariate Density Forecasts in Selected Regions of Support", 2014, with Cees Diks, Oleg Sokolinskiy and Dick van Dijk, ***Journal of Economic Dynamics and Control***, 48, 79-94.
3. "Asset Price Dynamics with Heterogeneous Beliefs and Local Network Interactions", 2013, with Oleg Pavlov and Sergij Gerasymchuk, ***Journal of Economic Dynamics and Control**,* 37, 2623–2642.
4. "Efficiency of continuous double auctions under individual evolutionary learning with full or limited information", 2013, with Mikhail Anufriev, Jasmina Arifovich and John Ledyard, ***Journal of Evolutionary Economics***, 23, 539–573.
5. "Likelihood-based scoring rules for comparing density forecasts in tails", 2011, with Cees Diks and Dick van Dijk, ***Journal of Econometrics***, 163, 215-230.
6. "Out-of-sample comparison of copula specifications in multivariate density forecasts ", 2010, with Cees Diks and Dick van Dijk, ***Journal of Economic Dynamics and Control***, 34, 1596–1609.
7. "Learning and adaptation's impact on market efficiency", 2010, with David Goldbaum, ***Journal of Economic Behavior and Organization**,* 76 , 635-653.
8. "Is there a Symmetric Nonlinear Causal Relationship between Large and Small Firms?" 2010, with Bill B. Francis and Mbodja Mougoué, ***Journal of Empirical Finance**,* 17, 23-38
9. "Time-varying market integration and stock and bond return concordance in emerging markets", 2009, with Eliza Wu, ***Journal of Banking and Finance***, 33, 1014-1021
10. "Asset Prices, Traders' Behavior, and Market Design" with Mikhail Anufriev, 2009, ***Journal of Economic Dynamics and Control**,* 33, 1073-1090
11. "Rank-based entropy tests for serial independence", 2008, with Cees Diks, ***Studies in Nonlinear Dynamics and Econometrics**,* 12, art. 2
12. "E&F Chaos: a user friendly software package for nonlinear economic dynamics", 2008, with Cees Diks, Cars Hommes and Roy van der Weide, ***Computational Economics***, 32, 221-244

13. “Impact of analysts' recommendations on stock performance”, 2007, ***European Journal of Finance***, 13, 165-179

14. “Nonparametric tests for serial independence based on quadratic forms”, 2007, with Cees Diks, ***Statistica Sinica***, 17, 81-98

15. “A new statistic and practical guidelines for nonparametric Granger causality testing”, 2006, with Cees Diks, ***Journal of Economic Dynamics and Control***, 30, 1647-1669

16. “Heterogeneous beliefs under different market architectures”, 2006, with Mikhail Anufriev, in ***Advances in Artificial Economics***, Bruun, C. (Ed.), Series: Lecture Notes in Economics and Mathematical Systems, Vol. 584, Springer, 3-15

17. “A note on the Hiemstra-Jones test for Granger non-causality”, 2005, with Cees Diks, ***Studies in Nonlinear Dynamics and Econometrics***, 9, art. 4

18. “Goodness-of-fit test for copulas”, 2005, ***Physica A***, 355, 176-182

WORKING PAPERS

1. “Estimation of a scale-free network formation model” with Anton Kolotilin

2. “Endogenous network topology in the interbank lending market”, with Mikhail Anufriev Andrea Deghi and Paolo Pin

3. “Efficient Estimation of Parameters in Marginals in Semiparametric Multivariate Models” with Artem Prokhorov

4. “Now you see it, now you don’t: How to make the Allais paradox appear, disappear, or reverse’, with Pavlo Blavatskyy and Andreas Ortmann, UNSW Business School Research Paper No. 2015-14

5. “The network view on input-output analysis for Australia” with Mikhail Anufriev and Evgenia Goryacheva

STUDENT SUPERVISION

Honours students: Tina Wang, 2007, (secondary supervisor), Anatoly Logunov, 2011, Sam Forrest, 2012, Matt Smart, 2013, Roger Dong, 2014, Luka Raznatovic, 2015, Timothy Lo, 2015-2016.
PhD students: Robert Wallner, 2008-2011, Alan Rai, 2008-2013, Thijs Markwat, Sep-Dec 2009, (visiting PhD)

REFEREEING

Journal of Econometrics, Econometric Theory, Journal of Economic Dynamics and Control, Econometric Reviews, Economic Record, Australian & New Zealand Journal of Statistics, Journal of Economic Interaction and Coordination, Methodology and Computing in Applied Probability, Canadian Journal of Statistics, Studies in Nonlinear Dynamics and Econometrics, Insurance: Mathematics and Economics, Economic Record, International Journal of Forecasting, Energy Economics, Physica A, book reviews for Routledge Economics and Academic Press

GRANTS AND AWARDS

1.	Centre of Excellence for International Finance & Regulation grant for two years, 2014-2015,	AUD 62,000	11/2013
2.	Australian Research Council Discovery Early Career Researcher Award for three years, 2012-2014,	AUD 375,000	11/2011
3.	Australian Research Council Discovery Grant (Chief Investigator in the team of three CIs), for three years, 2012-2014,	AUD 750,000	10/2011
4.	Standard Research Grant of Social Sciences and Humanities Research Council, Canada (collaborator) for 2 years,	CAD 40,000	10/2009
5.	Reserve Bank of New Zealand-NZ Econometric Study Group		03/2009

	Research Award	NZD 250	
6.	Australian School of Business Research Grant, UNSW	AUD 20,000	02/2008
7.	Australian Research Council Discovery Grant (sole Chief Investigator), for three years, 2009-2011,	AUD 105,000	10/2008
8.	ASB Research Grant, UNSW	AUD 15,000	12/2007
9.	Early Carrier Researcher Travel Scheme Grant, UNSW,	AUD 3,000	06/2007
10.	Special Research Grant, Faculty of Business, UNSW,	AUD 5,000	11/2006
11.	NBER/NSF Travel Grant (Time series conference),	EUR 850	09/2005
12.	NBER/NSF Travel Grant (Time series conference),	USD 1,000	09/2004
13.	Senator Muskie Fellowship for Graduate Studies,	USD 50,000	09/2000