

# BURKHARD C. SCHIPPER

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Date of Birth: September 4, 1973 • Place of Birth: Dresden, (East-)Germany • Citizenship: German • U.S. Permanent Resident

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## ACADEMIC POSITIONS

- 07/2005 - now Assistant Professor, University of California, Davis, Department of Economics
- 04/2009 - now Faculty Member, UC Davis Graduate Group in Applied Mathematics
- 2003 - 2005 Post-Doctoral Research Fellow, University of Bonn, Department of Economics, DFG SFB/TR 15 (German National Science Foundation)

## EDUCATION AND DEGREES

- 2000 - July 2003 Dr. rer. pol., University of Bonn, European Doctoral Program (EDP)
- 2001 - 2002 Visiting Doctoral Student of Economics, Tel Aviv University, European Doctoral Program (EDP)
- 1998 - 2000 Diplom-Volkswirt (M.Sc., Economics), University of Bonn
- 1995 Coursework in Management and Economics, University of St. Gallen,
- 1992 - 1994 Vordiplom Betriebswirtschaftslehre (B.A., Business Administration), Dresden University of Technology

## WORKING EXPERIENCE

- 1997 - 98 Director, Jacky Maeder (Malaysia) Sdn. Bhd., Kuala Lumpur, Malaysia
- 1996 - 97 Chief Representative, Jacky Maeder (China) Ltd., Beijing, The Peoples Republic of China
- 1995 - 96 Management Trainee, Jacky Maeder (Hong Kong) Ltd., Hong Kong

## FIELDS OF INTEREST

Microeconomic Theory, Game Theory, Experimental Economics, Industrial Organization, Bounded Rationality

## TEACHING

Graduate level: Minicourse on Unawareness, University of Arizona, 2007

## BURKHARD C. SCHIPPER

Game Theory (Second year PhD students), UC Davis  
Seminar on Economic Theory, UC Davis

Reading course on Behavioral Economics, University of Bonn, 2005  
Reading course on Incomplete Contracts, University of Bonn, 2005

Undergraduate level: Game Theory, UC Davis  
Intermediate Microeconomics, UC Davis  
Reading course on Neuroeconomics, University of Bonn, 2004  
Problem sets in Game Theory, University of Bonn, 2003

### JOURNAL PUBLICATIONS

[Imitators and Optimizers in Cournot Oligopoly](#), *Journal of Economic Dynamics and Control* 33 (2009), 1981-1990.

[Cournot Competition among Teams – An Experimental Study](#) (with Philippe Raab), *Journal of Economic Behavior and Organization* 72 (2009), 691-702.

[Incentives for Subjects in Internet Experiments](#) (Peter Duersch and Jörg Oechssler), *Economics Letters* 105 (2009), 120-122.

[Rage Against Machines – How Subjects Play Against Learning Algorithms](#) (with Peter Duersch, Albert Kolb, and Jörg Oechssler), *Economic Theory*, forthcoming.

[On an Evolutionary Foundation of Neuroeconomics](#), *Economics and Philosophy* 24 (2008), 495-513.

[Ambiguity and Social Interaction](#) (with Jürgen Eichberger and David Kelsey), *Oxford Economic Papers* 61 (2009), 355-379.

[Granny versus Game Theorist – Ambiguity in Experimental Games](#) (with Jürgen Eichberger and David Kelsey), *Theory and Decision* 64 (2008), 333-362.

[A Canonical Model for Interactive Unawareness](#) (with Aviad Heifetz and Martin Meier), *Games and Economic Behavior* 62 (2008), 304-324.

[Interactive Unawareness](#) (with Aviad Heifetz and Martin Meier), *Journal of Economic Theory* 130 (2006), 78-94.

[Submodularity and the Evolution of Walrasian Behavior](#), *International Journal of Game Theory* 32 (2003), 471-477.

[Can You Guess the Game You're Playing?](#) (with Jörg Oechssler), *Games and Economic Behavior* 43 (2003), 137-152.

### PUBLICATIONS IN REFEREED PROCEEDINGS

Two Models of Unawareness: Comparing the Object-Based and Subjective-State-Space Approaches (with Oliver Board and Kim-Sau Chung), in: *Logic and the Foundations of Game and Decision Theory, Proceedings of the Eight Conference (2008)*, Giacomo Bonanno, Benedikt Loewe, Wiebe van der Hoek (Eds.), Texts in Logic and Games, Amsterdam University Press, forthcoming.

Unawareness, Beliefs and Games (with Aviad Heifetz and Martin Meier), in: *Theoretical Aspects of Rationality and Knowledge, Proceedings of the 11<sup>th</sup> Conference (TARK 2007)*, Dov Samet (Ed.), Presses Universitaires De Louvain, 183-192.

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A Canonical Model for Interactive Unawareness (with Aviad Heifetz and Martin Meier), in: *Theoretical Aspects of Rationality and Knowledge, Proceedings of the 11<sup>th</sup> Conference (TARK 2007)*, Dov Samet (Ed.), Presses Universitaires De Louvain, 177-182.

Granny versus Game Theorist – Ambiguity in Experimental Games (with Jürgen Eichberger and David Kelsey), in: *Advances in Decision Making under Risk and Uncertainty*, Mohammed Abdellaboui and John D. Hey (Eds.), Springer Verlag, 2008, 183-204.

Multi-Person Unawareness (with Aviad Heifetz and Martin Meier), in: *Theoretical Aspects of Rationality and Knowledge, Proceedings of the Ninth Conference (TARK 2003)*, Moshe Tennenholtz (Ed.), ACM, 145-158.

### BOOK REVIEWS

[Game Theory: 5 Questions, edited by V.F. Hendricks and P.G. Hansen](#), *Journal of Economic Behavior and Organization* 67, 541-544.

### WORKING PAPERS (some available at <http://www.econ.ucdavis.edu/faculty/schipper/>)

Dynamic Unawareness and Rationalizable Behavior (with Aviad Heifetz and Martin Meier)

Unawareness, Beliefs and Speculative Trade (with Aviad Heifetz and Martin Meier)

Bayesian Games with Unawareness and Unawareness Perfection (with Aviad Heifetz and Martin Meier)

Speculation Trade under Unawareness – The Infinite Case (with Martin Meier)

Revealed Unawareness

Unbeatable Imitation (with Peter Duersch and Jörg Oechssler)

Symmetric Pure Strategy Saddle Points and Relative Payoffs (with Peter Duersch and Jörg Oechssler)

Menstrual Cycle and Competitive Bidding (with Matthew Pearson)

The Visible Hand: Finger Ratio (2D:4D) and Competitive Behavior (with Matthew Pearson)

How Mindless is Standard Economics Really?

Strategic Control of Myopic Best Reply in Repeated Games

The Evolutionary Stability of Optimism, Pessimism and Complete Ignorance

### RESEARCH IN PROGRESS (some drafts available on request)

Incomplete Contracts under Unawareness (with Aviad Heifetz and Martin Meier)

Interactive Decision Theory with Choquet Expected Utility Players (with Amanda Friedenberg)

Hormones and Competitive Behavior

Designer Babies – Artificial Selection and Evolution

# BURKHARD C. SCHIPPER

Standard Contracts

## CONFERENCE ORGANIZATION

- 2009 Workshop on Neuroeconomics and Endocrinological Economics, UC Davis, Organizer  
TARK – Theoretical Aspects of Rationality and Knowledge, Stanford University, Member of the program committee
- 2007 TARK – Theoretical Aspects of Rationality and Knowledge, Brussels, Member of the program committee
- 2006 Workshop on Unawareness, Stanford University, Co-organizer

## CONFERENCE PRESENTATIONS

- 2009 Workshop on Information Processing, Belief Change, and Social Interaction, Dagstuhl/Germany  
International Conference on Game Theory at SUNY, Stony Brook, New York/USA
- 2008 Workshop on Players with Limited Cognitive and Inferential Abilities, Tsukuba/Japan (*invited*)  
World Congress of the Game Theory Society, Evanston/USA  
LOFT – Logic and Foundation of Game Theory, Amsterdam/Netherlands
- 2007 NBER Conference on General Equilibrium and Mathematical Economics, Evanston/USA  
ESEM – Econometric Society European Meeting, Budapest/Hungary  
International Conference on Game Theory at SUNY, Stony Brook, New York/USA  
TARK 11 – Theoretical Aspects of Rationality and Knowledge, Brussels/Belgium  
SAET – Society for the Advancement of Economic Theory, Kos/Greece
- 2006 LAMES – Latin American Meeting of the Econometric Society, Mexico City  
ASIAN DC – Asian Decentralization Conference, Tsukuba/Japan (*invited*)  
LOFT – Logic and Foundation of Game Theory, Liverpool/UK  
NASEM – North American Summer Meeting of the Econometric Society, Minneapolis/USA  
Workshop on Unawareness, Stanford University/USA
- 2005 ESA - Economic Science Association North America Regional Meeting, Tucson/USA  
ESWC – Econometric Society World Congress, London/UK  
SAET – Society for the Advancement of Economic Theory, Vigo/Spain  
SFB/TR 15 Conference Caputh/Germany
- 2004 ECCE - 1<sup>st</sup> European Conference on Cognitive Economics, Paris/France  
EEA - Annual Congress of the European Economic Association, Madrid/Spain  
World Congress of the Game Theory Society, Marseille/France  
FUR XI - 11<sup>th</sup> International Conference on the Foundations and Applications of Utility, Risk and Decision Making, Paris/France
- 2003 EDP Jamboree, Universitat Pompeu Fabra, Barcelona/Spain  
ESEM - Econometric Society European Meeting, Stockholm/Sweden  
EEA - Annual Congress of the European Economic Association, Stockholm/Sweden  
International Conference on Game Theory at SUNY, Stony Brook, New York/USA  
NASEM - North American Summer Meeting of the Econometric Society, Northwestern University, Evanston/USA

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TARK 9 - Theoretical Aspects of Rationality and Knowledge, Indiana University, Bloomington/USA

- 2002      Econometric Society European Winter Meeting, Budapest/Hungary (*invited*)  
EDP Jamboree, London School of Economics, London/U.K.  
ESEM - Econometric Society European Meeting, Venice/Italy  
ICM - International Congress of Mathematicians, Satellite Conference on Game Theory,  
Qingdao/P.R. China  
International Conference on Game Theory at SUNY, Stony Brook, New York/USA  
EDP Jamboree, HEC Paris/France
- 2001      EEA – Annual Congress of the European Economic Association, Lausanne/Switzerland  
FEMES - Far Eastern Econometric Society Meeting, Kobe/Japan  
Italian Meeting on Game Theory and Applications, Ischia/Italy  
WEHIA - Workshop on Economics with Heterogeneous Interacting Agents, Maastricht/Netherlands

### SEMINAR PRESENTATIONS

- 2008      California Institute of Technology  
University of Southern California, Department of Economics  
University of California, Davis, Department of Computer Science  
University of Pittsburgh, Department of Economics  
University of Maryland, Department of Economics
- 2007      University of Arizona, Department of Economics  
University of California, Los Angeles, Department of Economics
- 2005      University of California at Berkeley, Department of Economics  
University of California, Davis, Department of Economics  
Rice University, Department of Economics
- 2004      University of Bonn, Department of Economics  
Hebrew University of Jerusalem, Economic Theory Seminar  
The Open University of Israel, Raanana  
University of Pittsburgh, Department of Economics  
Tilburg University, CentER
- 2003      University of Münster, Department of Economics  
University of Heidelberg, Alfred-Weber Institut  
University College London, Center for Economic Learning and Social Evolution (ELSE)
- 2002      University of Bonn, Bonn Graduate School of Economics  
Peking University, China Center for Economic Research (CCER)  
Tel Aviv University, School of Economics
- 2000      Tel Aviv University, School of Economics  
University of Bonn, Bonn Graduate School of Economics

### AWARDS AND GRANTS

- 2009 - 10      UC Davis Hellman Fellow
- 2009      Small Grant in Aid of Research, University of California, Davis  
Outstanding Referee Award – Journal of Economic Dynamics and Control

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- 2008 Small Grant in Aid of Research, University of California, Davis  
Junior Faculty Research Award, Institute for Governmental Affairs, University of California, Davis
- 2007 - 10 U.S. National Science Foundation Grant, US\$ 137'775
- 2007 Small Grant in Aid of Research, University of California, Davis  
Junior Faculty Research Award, Institute for Governmental Affairs, University of California, Davis  
Black Box Committee Award, Graduate Students of Economics, UC Davis
- 2006 Small Grant in Aid of Research, University of California, Davis  
Junior Faculty Research Award, Institute for Governmental Affairs, University of California, Davis
- 2005 Junior Faculty Research Award, Institute for Governmental Affairs, University of California, Davis
- 2004 Short Term Research Grant for research visit to Israel, Minerva Stiftung, Max-Planck Society  
  
Invited participant, 1<sup>st</sup> Meeting of the Winners of the Bank of Sweden Prize in Economic Sciences in Memory of Alfred Nobel, Lindau/Germany
- 2003 Young Economist Award of the European Economic Association (EEA)
- 2003 - 05 Post-doctoral fellowship by the DFG (German National Science Foundation)
- 2001 - 02 Visiting doctoral student scholarship by the DAAD (German Academic Exchange Service)
- 2000 – 01, 02 – 03 Doctoral student scholarships by the DFG
- Various travel grants by the DFG, the European Economic Association, The Econometric Society, Verein für Socialpolitik (Deutsche Bundesbank, Swiss National Bank), The Review of Economic Studies Travel Fund, Tel Aviv University, NASSLLI, and the University of California, Davis

### UNIVERSITY AND DEPARTMENT SERVICE

- 2009 - now Chair of the Department Facilities Committee
- 2008 - 2009 Chair of the Department PR/Website Committee  
2008 – now Member of the Department PR/Website Committee
- 2007 - now Department Representative to the College of Letters & Science Assembly
- 2005- 2007 Undergraduate Advisor

### PROFESSIONAL MEMBERSHIPS

Econometric Society, Economic Science Association, European Economic Association, Game Theory Society, Society for the Advancement of Economic Theory, Verein für Socialpolitik

### MEMBER OF THE EDITORIAL BOARD

- 2007 - now Knowledge, Rationality and Action – Special Section of Synthese

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### REFEREEING

American Economic Review, B.E. Journal of Theoretical Economics (2), Decisions in Economics and Finance (2), Econometrica (4), Economic Theory, Economics Bulletin, Experimental Economics, Games and Economic Behavior (7), International Economic Review (2), International Journal of Game Theory, International Review of Game Theory (2), Journal of Economic Behavior and Organization (5), Journal of Economic Dynamics and Control (5), Journal of Economic Theory (4), Journal of Mathematical Economics, Journal of Peace Research, Journal of Philosophical Logic, Journal of Public Economic Theory, Latin American Journal of Economics - Cuadernos de Economia, Manufacturing & Service Operations Management (2), Mathematical Social Science, National Science Foundation (2), Rand Journal of Economics, Social Sciences and Humanities Research Council of Canada, Synthese (2), Texts in Logic and Games – Amsterdam University Press, Theoretical Economics (3), Theory and Decision (2)

### REFERENCES

Upon request