

Klaus Nehring

CURRICULUM VITAE

Education:

- 1982-1990 Graduate Study of Economics, Harvard University (Ph.D. 1991).
Dissertation: "A Theory of Rational Decision with Vague Beliefs".
- 1979-1982 Study of Economics, University of Bonn, Germany
(Diplom-Volkswirt 1982).
- 1977 Study of Sociology and Philosophy, University of Saarbruecken,
Germany.

Academic Positions:

- 2004- Professor of Economics, University of California, Davis.
- 2004-2005 Visiting Professor, Department of Economics, Princeton University
(co-taught graduate course in decision theory)
- 1998-2004 Associate Professor of Economics, University of California, Davis.
- 1992-1998 Assistant Professor of Economics, University of California, Davis.
- 1990-1991 Postgraduate Researcher, IRU in Mathematical Behavioral Sciences,
University of California, Irvine.

Fellowships:

- 2003-2004 Fellow, Institute for Advanced Study, Princeton, NJ.

Selected Professional Service:

- 2004- Member of Editorial Board, *Mathematical Social Sciences*
- 2004- Council Member of the Society for Social Choice and Welfare

PUBLICATIONS

2004

“The Veil of Public Ignorance”, *Journal of Economic Theory* 119, 247-270.

“Modeling Cost Complementarities in Terms of Joint Production” (with Clemens Puppe),
Journal of Economic Theory 118, 252-264.

“Modeling Phylogenetic Diversity” (with Clemens Puppe), *Resource and Energy
Economics* 26, 205-235.

2003

“Arrow’s Theorem as a Corollary”, *Economics Letters* 80, 379-382.

“Diversity and Dissimilarity in Lines and Hierarchies” (with Clemens Puppe),
Mathematical Social Sciences 45, 167-183.

2002

“A Theory of Diversity” (with Clemens Puppe), *Econometrica* 70, 1155-1198.

2001

“Common Priors under Incomplete Information: A Unification”,
Economic Theory 18, 535-553.

“Ein mathematisches Modell der Vielfalt” (with Clemens Puppe), *Zeitschrift fuer
Angewandte Umweltforschung* (in German), Sonderheft 13, 194-206.

“Trust and Reciprocity in the Investment Game with Indirect Reward” (with Werner
Gueth, Manfred Koenigstein, Nadege Marchand),
Homo Oeconomicus 18(2), 241-262.

2000

“A Theory of Rational Decision Under Ignorance”, *Theory and Decision* 48, 205-240.

“Monotonicity Implies Generalized Strategy-Proofness for Correspondences”,
Social Choice and Welfare 17, 367-375.

“Common Belief with the Logic of Individual Belief” (with Giacomo Bonanno),

Mathematical Logic Quarterly 46, 49-52.

“Intersubjective Consistency of Knowledge and Belief” (with Giacomo Bonanno), in: M. Faller et al. (ed.), *Formalizing the Dynamics of Information*, CSLI Publications, Stanford, CA.

1999

“Preference for Flexibility in a Savage Framework”, *Econometrica* 67, 101-119.

“How to Make Sense of the Common Prior Assumption under Incomplete Information” (with Giacomo Bonanno), *International Journal of Game Theory* 28, 409-434.

“Ignorance and Rational Choice”, in: de Cooman, G. et al, Proceedings of the First International Symposium on Imprecise Probabilities and Their Applications, Imprecise Probability Project, Ghent, Belgium.

“Capacities and Probabilistic Beliefs: A Precarious Coexistence”, *Mathematical Social Sciences* 38, 197-213.

“On the Multi-Preference Approach to Evaluating Opportunities” (with Clemens Puppe), *Social Choice and Welfare* 16, 41-63.

“Varieties of Interpersonal Compatibility of Beliefs” (with Giacomo Bonanno), in: J. Gerbrandy et al., *JFAK. Essays Dedicated to Johan van Benthem on the Occasion of his 50th Birthday*, Amsterdam University Press.

1998

“Assessing the Truth Axiom under Incomplete Information” (with Giacomo Bonanno), *Mathematical Social Sciences* 36, 3-29.

“On the Logic and Role of Negative Introspection of Common Belief” (with Giacomo Bonanno), *Mathematical Social Sciences* 35, 17-36.

“Understanding Common Priors under Incomplete Information” (with Giacomo Bonanno), in I. Gilboa (ed.): *TARK VII - Proceedings*, Morgan Kaufmann, 147-169.

“On Stalnaker's Notion of Strong Rationalizability and Nash Equilibrium in Perfect Information Games” (with Giacomo Bonanno), *Theory and Decision*, 45, 291-295.

“Extended Partial Orders: A Unifying Structure for Abstract Choice Theory”
(with Clemens Puppe), *Annals of Operations Research* 80, 27-48.

“Incentive-Compatibility in Large Games”, *Mathematical Social Sciences* 35, 57-67.

1997

“Rational Choice and Revealed Preference without Binariness”,
Social Choice and Welfare 14, 403-426.

1996

“Continuous Extensions of an Order on A Set to the Power Set” (with Clemens Puppe),
Journal of Economic Theory 68, 456-479 .

“Maximal Elements of Non-Binary Choice-Functions on Compact Sets”,
Economics Letters 50, 337-340.

1994

“On the Interpretation of Sarin and Wakker’s ‘A Simple Axiomatization of Nonadditive
Expected Utility’ ”, *Econometrica* 62, 935-938.

1992

“Foundations for the Theory of Rational Choice with Vague Priors”, in: J. Geweke (Ed.):
Decision Making under Uncertainty - New Models and Empirical Findings.
Kluwer, Dordrecht 1992, pp. 231-242.

IN PRESS

“The Structure of Strategy-Proof Social Choice— Part I: General characterization and
possibility results on median spaces” (with Clemens Puppe),
forthcoming in: *Journal of Economic Theory*

“Efficient and Strategyproof Voting Rules: A Characterization” (with Clemens Puppe),
forthcoming in: *Games and Economic Behavior*

“The Impossibility of a Paretian Rational: A Bayesian Perspective”,
forthcoming in: *Economics Letters*

UNDER REVIEW

“The Structure of Strategy-Proof Social Choice— Part II: Non-Dictatorship, Anonymity and Neutrality” (with Clemens Puppe)

“Decision-Making in the Context of Imprecise Probabilistic Beliefs”

“Bernoulli without Bayes: A Theory of Utility-Sophisticated Preferences under Ambiguity”

“Consistent Judgment Aggregation: The Truth-Functional Case” (with Clemens Puppe)

WORKING PAPERS

“Self-Control through Second-Order Preferences”

“The (Im-)Possibility of a Paretian Rational”

“Oligarchies in Abstract Arrowian Aggregation: A Characterization”

“Ambiguity in the Context of Probabilistic Beliefs”

“Common Priors for Likeminded Agents”

“Diversity and the Geometry of Similarity”

Conference Presentations since 1990:

- 2006 Conference on Judgment Aggregation, Cowles Foundation, Yale, CT.
- 2006 6th International Conference, Society for Social Choice and Welfare, Pasadena, CA.
- 2005 Conference on Risk, Utility, Decision, Heidelberg, Germany.
- 2003 Conference on Risk, Utility, Decision, Northwestern University, Evanston, Germany.
- 2002 50 Years after Arrow's and Harsanyi's Theorems, Cowles Foundation, Yale, CT.
- 2002 6th International Conference, Society for Social Choice and Welfare, Pasadena, CA.
- 2002 Conference on Risk, Utility, Decision, Paris, France.
- 2001 Conference on Risk, Utility, Decision, Venice, Italy.
- 2001 Workshop on Biodiversity and Economics, Santa Barbara, CA.
- 2000 Conference on Risk, Utility, Decision, Paris, France.
- 2000 4th Conference on Logic and Foundations of Game and Decision Theory, Torino, Italy.
- 1999 International Symposium on Imprecise Probabilities and their Applications, Ghent, Belgium
- 1999 3rd Conference on Logic and Foundations of Game and Decision Theory, Torino, Italy.
- 1998 International Conference on Ordinal and Symbolic Data Analysis, Amherst, MA.
- 1998 7th Conference on Theoretical Aspects of Rationality and Knowledge, Evanston, Illinois.
- 1998 4th International Conference, Society for Social Choice and Welfare, Vancouver, Canada.
- 1997 European Summer Meetings, Econometric Society, Toulouse, France.
- 1997 8th Conference on the Foundations of Utility and Risk, Mons, Belgium.
- 1996 2nd Conference on Logic and Foundations of Game and Decision Theory, Torino, Italy.
- 1996 Summer Institute in Theoretical Economics on the Epistemic Foundations of Game Theory, Stanford, CA.
- 1996 3rd International Conference, Society for Social Choice and Welfare, Maastricht, Netherlands.

- 1996 Game Theory, Experience, Rationality, Symposium in the Honor of J.C. Harsanyi, Vienna, Austria.
- 1996 North American Winter Meetings, Econometric Society, San Francisco, CA.
- 1995 7th World Congress, Econometric Society, Tokyo, Japan.
- 1994 2nd International Conference, Society for Social Choice and Welfare, Rochester, NY.
- 1994 7th Conference on the Foundations of Utility and Risk, Oslo, Norway.
- 1993 European Summer Meetings, Econometric Society, Uppsala, Sweden.
- 1993 International Conference on Game Theory, SUNY, Stony Brook, NY.
- 1992 6th Conference on the Foundations of Utility and Risk, Paris, France.
- 1991 European Summer Meetings, Econometric Society, Cambridge, UK.
- 1991 U.S.-Russian Conference on Decision and Social Choice Theory, IRU in Mathematical Behavioral Sciences, Irvine, CA.
- 1990 6th World Congress, Econometric Society, Barcelona, Spain.
- 1990 5th Conference on the Foundations of Utility and Risk, Duke University, NC.

Invited Seminars (since 1996):

- 2006 “Self-Control through Second-Order Preferences”:
IAS (Princeton), Karlsruhe, NYU, Harvard, Berkeley
- 1996-2005 Berlin (Humboldt), Bielefeld, Bonn (2x), Copenhagen, Duke, Harvard, Heidelberg (2x), IAS (Princeton) (2x), Irvine, Mannheim (2x), Montreal, Northwestern, Penn (2x), Princeton (2x), Riverside, Rochester (2x), Rutgers, Saarbruecken, Stanford, Toronto, UCLA, and Yale.