

Ulrike LEOPOLD-WILDBURGER: Curriculum Vitae

(January 2011)

full professor

Department of Statistics and Operations Research, head

University of Graz/Austria

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www.kfunigraz.ac.at/soowww/personal/leopold

Education:

1967 Matura / High School degree summa cum laude.
1967 – 72 Studies in mathematics, philosophy and logic, University of Graz with Rudolf HALLER and Edgar MORSCHER
1971 University of Oslo, Norway with Dagfin FOELLES DAL.
June 1971 Master of Science, summa cum laude, University of Graz.
March 1972 Master of Philosophy, University of Graz.
December 1975 Doktorate/Ph.D. summa cum laude, University of Graz.
Spring semester 1975 Young Research Workers Interchange Scheme, (British Council), Dept. of Statistics, Univ. of Swansea, GB.
Summer 1978 Scholar at the Institute for Advanced Studies, Vienna.
June 1982 Habilitation/Venia docendi for Operations Research and Mathematical Economics:

External referees:

Wolfgang EICHHORN, (KIT, University of Karlsruhe),

Reinhard SELTEN; (Bonn, Nobel Laureate in Economics 1994),

John HARSANYI; (Berkeley, Nobel Laureate in Economics 1994).

Regular Academic Employment:

March 1972 -1983 Research assistant and lecturer,
Dept. of Mathematical Economics, University of Graz.
July 1983-1992 Assistant Professor University of Graz.
Spring 1986 Professor at the Dept. of Mathematics, University of Klagenfurt, Austria.
1988/89 Full Professor at the Department of Operations Research,
University of Zürich, Switzerland.
1991 Springterm Professor at University of Minnesota at Minneapolis, department of
Economics invitation by John CHIPMAN and Lenonid HURWICZ (Nobel
Laureate in Economics 2007)
Since 1992 Full professor University of Graz.
1992-1995 Alternate head of the department of Statistics and Operations Research,
University of Graz/Austria.
1996-1998 Head of the department of Statistics and Operations Research, University of
Graz/Austria.
1998 -2000 Alternate head, Dept. of Statistics and Operations Research, Univ. of Graz
2000 - 2001 Alternate Vice Rector of Research, Univrsity of Graz.
10/2001 - 12/2003 Dean of Studies/ Studiendekan, Faculty of Economics and Social Sciences,
University of Graz
Since 2010 Head of the department of Statistics and OR, with 33 co workers, University
of Graz

National and International Distinctions and Research Awards:

- * Best paper award: Complex Dynamic Systems, University of Heidelberg, Germany, Max Weber Institute, September 2002.
- * Best paper award: Soft Computing, Computational Intelligence and Learning: University of Liège, Belgium, July 2007.
- * Science award of the Styrian Government: Grosser Josef Krainer Preis (for research), Graz, Austria, March 2008.
- * Research Award of the International Institute of Liberal Politics, Vienna, October 2009.
- * C3 Research Award of the Center for the Advanced Study of Algorithms, Las Vegas, Competence Center for Operations Research, Munich and Center for Network, Innovation and Experimentation, Monterey; Platinum Award, Munich, Germany, May 2010.
- * Großes Ehrenkreuz für Wissenschaft und Forschung der Republik Österreich/Highest Austrian award for science and research, Vienna, June 2010.

Other Academic Employment:

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| March-July 1991 | Professor University of Minnesota at Minneapolis, USA, Dept. of Economics; invited by Leonid HURWICZ (Nobel laureate 2007) and John CHIPMAN |
| 1995 - 97 | Visiting Professor Economic University of Vienna. |
| March-April 1996 | Visiting Professor Institute Commercial de Nancy, University of Nancy, Grande École, Nancy, France. |
| 1997 - 2004 | Permanent Visiting Professor, University of St. Gallen, Switzerland. |
| April-March 1998 | Visiting Professor, Concordia College, Moorhead, MN, USA. |
| March 2000 | Visiting Fellow, Harvard University, MA, USA. |
| April 2000 | Visiting Professor, Concordia College, Moorhead, MN, USA. |
| Sept. 2000 | Visiting Professor, Datalogistic Institute, University of Copenhagen, |
| January 2001 | Visiting professor, Dept. of Management, University of Kalmar, Sweden. |
| Spring 2004 | Visiting professor, Dept. of Economics, European University Institute, Fiesole, Italy. |
| 2008-2011 | Permanent Visiting Professor at Universitaet der Bundeswehr Munich, Department of Informatics. |

Grants and Projects:

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| 1992 -1993 | Research Fellowship on Economic Problems of Austria, Data analysis, Grant: Ludwig Boltzmann Institute for Sociology, Vienna, Austria. |
| 1997-1999 | Project: Employment and Unemployment in Austria – Statistical analysis; grant by the Ludwig Boltzmann Institute for Science of Science. |
| 1999-2002 | Conflict and Crisis Management, Grant by the Austrian Federal Ministry of Science and the Austrian Federal Ministry of Defense. |
| 2002- 2004 | FWF-Project: Experimental Economics, P13919 grant of the Federal Austrian Science Foundation. |
| 2004-2006 | FWF-Project: Modelling and Simulation of Expectation Formation P 17156-N12 grant of the Federal Austrian Science Foundation. |
| 2006-2008 | FWF-Project: Modeling Individual Expectation Formation P 19211-N18 grant of the Federal Austrian Science Foundation. |
| 2008-2009 | Project: Simulation of complex systems: Grant by the Austrian Government in cooperation with the Austrian Federal Ministry of Research, |
| 2010-2011 | Project: Styrian government in cooperation with ELSA (European Law Student Association): grant for the project: New Market Structures for Matchings. |

2009-2011 ÖNB-Project: Experimental Economics – Simulation of Structural Changes
PNr 13173 Grant of the Austrian National Bank.

Further Academic Activities:

- 1982 - 1988 Chair, Program Committee, *The Computer as an Instrument in Social Sciences and Economics Conferences*.
- 1991 - 1993 Vice President of the *Austrian Operations Research Society*, Vienna.
- 1992 - 1996 Co-editor: *Central European Journal of Operations Research and Economics*.
- 1993 - 1997 President of the *Austrian Operations Research Society*.
- Since 1994 Member, Verein für Socialpolitik, *Sozialwissenschaftlicher Ausschuss*, D.
- 1996 - 1999 Associate Editor, *Central European Journal of Operations Research and Economics*. Springer, Heidelberg, New York.
- Since 1994 PC Member, German-Swiss-Austrian-OR Societies Four Annual Conferences.
- 1995 - 1998 Dean of Studies Affairs, Faculty for Social Sciences and Economics, Graz University.
- Since 1997 High Council Member *European University Institute*, Florence, Italy.
- 1997 - 2002 High Council Member of the *Federal Austrian Science Foundation (FWF)*.
- 1998 - Member, Senate Commission on Conflict Research, University of Graz.
- 1999 – 2004 Alternate Member of the Academic Senate Commission, University of Graz.
- 1999 - 2003 Research Council, member alternate, *European University Institute*, Fiesole, Italy.
- Since 1999 Member of the *Federal National Research Council*, Federal Austrian Ministry of Defence.
- 1999 - 2002 High Council Member, *Federal Austrian Science Foundation*.
- 2000 Foundation of the European Working Group: *E- Cube: European Experimental Economics*, WG of the European Association of the Operations Research societies; by Jakob KRARUP, University of Kopenhagen.
- Since 2000 Editor in Chief: *Central European Journal of Operations Research*.
- 2001-2003 Verein fuer Socialpolitik, Sozialwissenschaftlicher Ausschuss, alternate president.
- 2001-2004 Dean of Studies, Faculty of Economics and Social Sciences, University of Graz.
- 2003 – 2009 Research Council Member *European University Institute*, Florence, Italy.
- 2003 – 2005 Verein fuer Socialpolitik, Sozialwissenschaftlicher Ausschuss, president.
- 2003 - 2008 Member of the rector ´s board /Universitätsrat Technical University Graz, Austria.
- June 2009 Listed within the best 5% researchers in the field of business administration, Deutsches Handelsblatt: <http://www.handelsblatt.com/politik/bwl-ranking>

Editorial work:

Reviewer for several scientific journals.

Editor in Chief: *Central European Journal of Operations Research*: Springer, Heidelberg, New York. Abstracted/Indexed in: ABS Acad. Journal Quality Guide, EBESCO, ECONIS, EconLit, e-JEL, JEL on CD, Intern Abstracts in OR, ISI Alerting Service, Mathematical Reviews Database, Sci Search, Science Citation Index Expanded, Social Science Research Network, Statistical Theory and Methods Abstracts, Zentralblatt MATH and SCOPUS.

Editorial board member: *European Journal of Operational Research*; Elsevier; available online at: ScienceDirect. Journal of the Association of European Operational research Societies (EURO) within the International Federation of Operational Research Societies (IFORS)

Editorial board member: *International Journal of Lean Thinking*, open access journal of methodology of management engineering and lean manufacturing.

Scientific Presentations:**Approx.: 220 scientific presentations worldwide**

Several invited lectures, semi plenary and plenary lectures, as well as keynote talks at international conferences worldwide.

Recent keynote talks:

- EURO International Conference of the European Operational Research Societies, Prague, University of Economics, July 2007;
- Robert Schuman Center at the European University Institute: International Conference Florence 2008;
- International Conference of the International Institute for Liberal Politics, Vienna, August 2009;
- International Conference of the Austrian Society of Operations Research – 30th anniversary meeting, Vienna, November 2009.
- EURO International Conference on Operations Research University of Lisboa, July 2010;
- GOR International Conference Munich, Joint International Conference of the German and Italian Operations Research Societies, September 2010

Biographical Listing: Who's Who in the World since 1995.

Who is Who – Business Women; Who is Who in Medicine.

Elected member of the American Bibliographic Society.

ERASMUS/SOKRATES coordinator of several networks and partner universities;

Including extensive links with counterpart institutions in other countries in- and outside E U.

Teaching Experiences:

Regular courses and seminars on the following topics:

Mathematics for Economics,
Financial Economics and Simulation,
Game Theory and Experimental Economics,
Behavioural Economics,
Operations Research
Linear and Integer Programming, Optimization Theory, Non-linear Programming,
Queuing problems, Simulation, System Dynamics,
Statistics for Economics,
Time Series and Forecasting Methods,
Decision Theory.

Current Activities and Fields of Research:

Seminars on Operations Research and Simulation,

Bounded Rationality,

Empirical Financial Data Analysis,

Research on Experimental Economics and Behavioural Economics:

Forecasting Models,
Expectation Formation,
Bargaining Behaviour
Principal Agent Models

Complex Dynamic Systems,

Management Game SINTO-Market,

European Monetary Unit Experiments.

Additional seminars:

Decision theory, Game theory,
Optimization, Simulation,
Econometrics,

Outside Research Support:

1988 - 1990 Research Fellow on Decision Support; Ludwig Boltzmann Institute for
Science of Science, Vienna, Austria.
1991 Studies in game theory, National Science Foundation grant, Austria.
1992 -1993 Research Fellowship on Actual Economic Problems of Austria,
Ludwig Boltzmann Institute for Sociology, Vienna, Austria.
Since 7/1998: Project Group: Conflict and Crisis Management,
Grant by the Austrian Ministry of Science and the Ministry of Defence.
2/ 2000 - 1/2002 Project Group: Experimental Economics: Models of Forecasting, Austrian
National Science Foundation grant.
Since 2/2001: Working Group of the European Operations Research Society EURO.
E - CUBE: European Working Group on Experimental Economics and Empirical Financial Data
Analysis;
Since 1999 Cooperation within the CEEL Groups on Experimental Studies: University
of Trento/Italy and Grand École Grenoble/France.
Since 2006 Vice President of the International Institute of Liberal Politics/Vienna.
2008 Foundation of the Max-Jung-Laboratory for Experimental Economics and
Simulation of Real World Problems at University of Graz.

- Member of Program Committees of several national and international conferences and sessions.
- Head of PC for EURO International Conference on Operations Research 2007, University of Economics, Prague with 2700 participants.
- Member of PC for EURO European Conference on Operations Research during 2004-2012;
- Member of PC for GOR, International Conference of German Operations Research Society GOR the on Operations Research 1998-2012;
- Member of PC for OEGOR, Intern. Conference on Operations Research by Austrian and Swiss since 1990.
- Member of PC, stream organizer and session chair: International Conference on Operations Research, Zurich, Switzerland, August/September 2011.
- Member of PC, stream organizer and session chair: EURO XXV, International Conference, Vilnius July 2012

Organization of International Scientific Conferences:

1990-2004 Organizer of various events on Workshop Game theory and Workshop on Decision
Support, University of Graz and University of Vienna.
1992 Coorganizer of Conference Mathematical Modeling at the Occasion of the
Retirement of Prof. Otwin Becker.
1993 - 1996 Coorganizer of Workshop “Optimization - Structure and Stability of Dynamical
Systems”, University of Heidelberg. Germany.
1995 Member of PC for the Annual International German OR Conference at Technical
University Berlin September 1995,
1999 Organization of the session Dynamic Systems: Theory and Applications of the
conference “EURO 2001” on Operations Research in Rotterdam, July 2000.
Since 2000 Member of Program Committee of Workshop E-CUBE: European Experimental
Economics, annual meetings within Europe.

- Since 2002 Member of Organization Committee of regular workshops *International issues on Liberalism*, meetings in Austria, Germany, Switzerland and Turkey.
- 2003 Optimization in Theory and Applications in Rhodes, Greece, July 2-3, 2004
Organization of a sessions at EURO XX Conference, Rhodes, July 4-7,
- 2002 Member of PC for the International Conference on Operations Research SOR 2002, University of Klagenfurt, September 2002,
- 2003 – 2005 Head of the PC of the International Meeting of the Verein für Socialpolitik, Sozialwissenschaftlicher Ausschuß, University of Graz, Mai 2004 and April 2005,
- 2005 Head of PC for the Joint International Workshop on DDS, Experimental Economics and e-Participation, University of Graz, June 2005,
- 2005 – 2006 Member of PC for the International Conference of the European OR-Societies, EURO XXI, 2006, University of Reykjavik, July 2006,
- 2006 Stream Organizer for the German OR Conference GOR 2006, University of Karlsruhe, Germany.
- Since 2006 Member of Program Committee of Workshop on Conflict Resolution
- 2005-2006 Member of Program Committee and Plenary Chair of EURO XXI 2006, Reykjavik, Iceland, July 2-5, 2006; Stream and Session Organizer, Session Chair.
- 2006 Member of Organizing Committee of EURO Summer Institute 2006 – Optimization Challenges in Engineering: Methods, Software and Applications, Wittenberg, Germany, August 18 - September 2, 2006.
- 2007 Member of Program Committee of the International Conference on Complex Systems, University of Armed Forces, Munich.
- 2007 Member of Organizing Committee of Workshop.
- 2006 – 2007 Member of Program Committee of A Joint EUROPT-OMS Conference, University of Economics Prague, Czech Republic, July 4-7, 2007; Stream and session chair.
- 2008 Member of Organizing Committee of Workshop in OR : EURO Working Group Experimental Economics, University of Prague, Czech Republic.
- 2009 Member of PC and Stream organizer for EURO XXIII, 2009, University of Bonn, Germany, July 2009.
- 2009 Stream and Session Organizer, Session Chair Workshop for Professor Georg Leitmann/ Berkeley.
- 2009 Member of Program Committee of the International Symposium of the Austrian Operations Research Society, University of Graz, Austria, December 2009
- 2010 Member of Program Committee and member of Organizing Committee of EURO ORD Workshop on OR for Developing Countries - Young Researchers and PhD Symposium, University of Lisbon, Portugal, July 10, 2010.
- 2011 Member of Program Committee and member of Organizing Committee of International Workshop on Operations Research and Simulation; University of Economics Vienna/Austria, November 2010.
- 2010 Member of Program Committee and member of Organizing Committee of International Conference Operations Research (OR 2010), Annual Conference of the German OR Society, Universität der Bundeswehr, Munich, Germany, 104 September 1-3, 2010.

Future Events (in Preparation):

- Member of several Steering Committees
- ○ Member of International Program Committee of The International Conference on Operations Research, Zurich, Switzerland, august/September, 2011
- Member of Steering Committee of Workshop of the Austrian Operations Research Society
- Member in Program Committee, Session Chair and Stream organizer of EURO XXV, Vilnius, Lithuania, 2012.

**Several master master thesis supervisions (approx.: 100),
Ph.D. thesis supervision:**

- 1Johannes MAJORAN, Sum of Tardiness - A New Heuristik, November 1993.(sub adviser)
- 2Walter FLECKER, Drei Personen Verhandlungen, April 1994.
- 3Jul MARTENS, Ein Modell zur kurzfristigen Absatzprognose mit dem Verfahren von BOX und JENKINS unter Berücksichtigung der Transfer - Funktions - Modelle, November 1994.
- 4Andreas KROBATH, Probleme beim Umgang mit komplexen Systemen, März 1995.
- 5Klaus FLECKER, Komplexitätsbewältigung im Management, März 1995.
- 6Oskar MÜLLER, Ein Anwendungsfall zu Silvermanspielen - Eine Studie zur experimentellen Wirtschaftsforschung, März 1995.
- 7Hildegard PIPPAN, Jahresabschlußinformation und Kapitalmarkt: Eine empirische Überprüfung der Entscheidungsrelevanz von Jahresabschlussinformationen für die Preisbildung österreichischer Aktien August 1996. (sub adviser)
- 8Roland PEYRER, Steuerung und Anwendung komplexer Modelle am Beispiel einer Räuber - Beute - Beziehung, September 1997.
- 9Dipl.Ing. Martin KÜHRER, Forecast Models in Finance, Jänner 1998.
- 10Jürgen KORNTHALER, Automatisierung und Optimierung der Containerentladung bei EUROSTAR und SFT, Februar 1998.
- 11Carola KRATZER, Analytische Betrachtung des Automobilmarktes in ausgewählten asiatischen Staaten, März 1998.
- 12Herwig FINK, Zur Urteilsbildung bei der Jahresabschlussprüfung, Mai 2000. (sub adviser)
- 13Gerhard REICHMANN, Leistungsvergleiche zwischen Universitätsbibliotheken, Eine internationale Querschnittsuntersuchung, Mai 2000. (sub adviser)
- 14Jörg SCHÜTZE, Vertrauen - Daten – Vertrauen zum Termin, Umfragen – Gewichtungen – Manipulationen, Juni 2000.
- 15Raoul-Thomas HERBORG, Krisenmanagement mit verteilten Informationssystemen, University of St. Gallen September 2000. (sub adviser)
- 16Alexander KLEINSASSER, Long -Range Correlation in Daily Returns: An Empirical Study, November 2000.
- 17Markus FRANK, Lösen von dezentralen Planungsproblemen bei Vorliegen linearer Entscheidungsmodelle, University of St.Gallen, April 2001.
- 18Gregor ELZE, Spillover-Effekte im Bereich der Technologie GPS, April 2001.
- 19Alois LAFER: Modellierung komplexer, ökonomische Systeme. Eine experimentelle Analyse, September 2001.
- 20 Peter LADREITER, Evidence of Temporal Inefficiency of Financial Markets and Consequences for Prediction Purposes, April 2002. (ÖGOR PhD-award 2002).
- 21Susanne LIND-Braucher, Einsatz der experimentellen Wirtschaftsforschung bei Marktstrategien im Oligopol, Juni 2002.
- 22Bernd BRANDL, Exchange Rates using Artificial Neural Networks and Genetic Algorithms Juni 2002. (Daimler-Chrysler-award: best thesis of the academic year 2002/03)
- 23Johannes LEITNER, Prognosen von Zeitreihen in der Experimentellen Wirtschaftsforschung, Jänner 2003.

(Daimler-Chrysler-award: best thesis of the academic year 2002/03)

24Tanja FEIT: Unternehmensplanspiel: SINTO-Markt - Eine statistische Analyse, Oktober 2003.

25Michael KOLLEGER: Vorhersagemodelle für Lagerbewegungen in SAP R/3, Oktober 2003.

26Miroslav MITEV: A Systematic Investment Process for Alternative and Traditional Investment Strategies, Dezember 2003.

27Ferdinand WENZL: Fundamentales Faktormodell zur Prognose monatlicher Aktienrenditen mit besonderer Berücksichtigung kapitalmarkttheoretischer Zusammenhänge, Jänner 2004. (sub adviser)

28Hans Peter STÜGER: Bayes Methoden für Monitoringsysteme, Jänner 2004.
(Daimler-Chrysler-award: best thesis of the academic year 2003/04)

29Gerhild HAFNER: Elektrizitätswirtschaftliche Entscheidungen und ihre Auswirkungen am liberalisierten Strommarkt: Konzepte und Ansätze für ein Planspiel der E-Wirtschaft, Feber 2004. (sub adviser)

30Georg SUPPAN: Das Unternehmensplanspiel: The Marketing Game! Eine statistische Analyse grundlegender Einflussfaktoren: Olfaktorik, Motivation und Bezahlung, Juli 2005.

31Constantin MALIK: Anticipatory Learning: How Crowd Psychology and Managerial Cybernetics Combine to Transform Legislative Action. April 2006, University of Klagenfurt. (sub adviser)

32Christian GRABNER: Simulation komplexer Systeme. Juni 2006. (Best thesis award SOWI-im-Dialog: best thesis of the academic year 2005/06).

33Robert FEYER: Kooperatives Verhalten und soziale Werte: Statistische Analyse von Vertrauensbildung mit Hilfe der experimentellen Wirtschaftsforschung. Juni 2006. (United Global Academy Award 2007).

34Eva HAASE: Harmonisierung der Rechnungslegung - eine experimentelle Untersuchung der Auswirkung der IAS-Verordnung auf den Kapitalmarkt in Österreich. Juli 2006 (sub adviser, Faculty award 2007).

35Markus GOTTHARDT: Aspekte des Zustandekommens individueller Prognosen sowie deren Aggregation auf kollektiver Ebene – Theoretische Konzepte und experimentelle Studien, April 2007.

36Björn WEBER: Elektronische Partizipation im österreichischen Bundesgesetzgebungsprozess, Februar 2008.
(United Global Academy Award 2008)

37Thomas FENZL: Massenpsychologische Phänomene erster und zweiter Ordnung an Finanzmärkten, August 2008, (subadviser, Universität Klagenfurt).

38Stefan PALAN: Rationality and Efficiency in Experimental Asset Markets, Oktober 2008 (sub adviser; Reinhard Sauer mann Award 2008).

39Martin NUSSBAUMER: Squeaky Wheel Optimization, November 2008 (sub adviser, Faculty Award 2009).

40Michael GRADWOHL/ Christian KÖSZLBACHER: Komplexe dynamische Systeme in der Wirtschaftsforschung, September 2009.

41Alexander FRIESSNEGG: Innovationsgrad im Handel; Analysis of the influence of innovation on customer based retail brand equity, Dezember 2010 (sub adviser).

42 Gernot HINTERLEITNER/ Phillip HORNING: Simulation of Financial Markets, April 2011.

PUBLICATIONS

MONOGRAPHS:

Verfassen und Vortragen - Wissenschaftliche Arbeiten und Vorträge leicht gemacht (mit Jörg Schütze), Springer, Berlin, Heidelberg, N.Y., 2002., 2. Auflage 2010.

Einführung in die Wirtschaftsmathematik - Lehrbuch (mit Jochen Hülsmann et al.), Springer, Berlin, Heidelberg, N.Y. 1997, zweite überarbeitete Auflage: 1999; dritte wesentlich überarbeitete Auflage: 2001; 4. Auflage 2005; 5. Auflage 2010

The Knowledge Ahead Approach to Risk - Theory and Experimental Evidence (mit Robin Pope und Johannes Leitner), Lecture Notes in Economics and Mathematical Systems, Springer, Berlin, Heidelberg, N.Y., 2007.

Silvermans Games - A General Discussion of a Class of Two Person Zero Sum Games, with a preface by Reinhard Selten, Lecture Notes in Economics and Mathematical Systems Vol. 424, (with Gerald A. Heuer), Springer, Berlin, Heidelberg, N.Y. 1995

Balanced Silverman Games on General Discrete Sets, Lecture Notes in Economics and Mathematical Systems Vol. 365 (with Gerald A. Heuer), Springer, Berlin, Heidelberg, N.Y. 1991

Österreich am Weg nach Europa: Modelle, Stichproben, Methoden. Eine arbeitsökonomische Studie zum Meinungsbild der Österreicher. Band 12 der Sozialwissenschaftlichen Schriftenreihe des Ludwig Boltzmann Instituts für pol. Soziologie, VPGV, Wien 1988.

Ökonomie und Ökologie im Test der Meinungen - Eine statistische Analyse. Band 10 der Sozialwissenschaftlichen Schriftenreihe des Ludwig Boltzmann Instituts für pol. Soziologie, VPGV, Wien 1987.

Gleichgewichtsauswahl in einem Verhandlungsspiel mit Opportunitätskosten; Band 7 der Reihe «Wirtschaftstheoretische Entscheidungsforschung», Pfeffer, Bielefeld 1982.

e-books:

Verfassen und Vortragen - Wissenschaftliche Arbeiten und Vorträge leicht gemacht (mit Jörg Schütze); wesentlich überarbeitete 2. Auflage, Springer, Heidelberg, 2010

Einführung in die Wirtschaftsmathematik (mit Gamerith W., Steindl W.), wesentlich überarbeitete 5. Auflage, Springer Heidelberg, 2010

EDITED VOLUMES:

Special Issue of *Central European Journal of Operations Research*, 2010; issue 18/4 "In honour of Gustav Feichtinger"; with R. Hartl, M. Rauner, G. Sorger, G. Tragler, V. Veliov), Springer December 2010.

Special Issue of *Central European Journal of Operations Research*, 2009, issue 3/2003 "Innovative Approaches for Decision Analysis in Energy, Health and Life Sciences, with M. Dlouhý, St. Pickl, M. Rauner), Springer September 2009.

Special Issue of *European Journal of Operational Research*, 2009, issue 3, "Facilitated Problem Structuring and Decision Analysis" Selected Papers of the XXII EURO Conference, with A. Franco, J. Jablonsky and G. Montibeller, Elsevier, 2009

Special Issue of *European Journal of Operational Research*, 2008, issue 3, "OR for Better Management of Sustainable Development" Selected Papers of the XXI EURO Conference, Iceland, with G. Weber and M. Zacharias, Elsevier, 2008.

Special Issue of *Central European Journal of Operations Research* 10, issue 3, Essays in honour of Otwin Becker, Physica - Springer, Heidelberg, New York 2002.

Operations Research Proceedings 2002- Selected Papers of the Symposium on Operations Research, Klagenfurt, September 2002, with F. Rendl and G. Wäscher, Springer, Berlin 2002.

Models, Methods, and Decision Support for Management: Contributions to Intelligent Decision Making - Essays in Honour of Paul Staehly, (with P. Kischka, R. Möhring, F.J.Radermacher), Physica - Springer, Heidelberg - New York 2001.

Modelling and Decisions in Economics (with G. Feichtinger and K.-P.Kistner), Essays in honour of Franz FERSCHL, Physica - Springer, Heidelberg, New York 1999.

Operations Research Proceedings 1995 - Selected Papers of the Symposium on Operations Research, Passau, September 1995, with P. Kleinschmidt u. a, Springer, Berlin 1996.

Special Issue of CEJORE, Central European Journal for Operations Research and Economics 4, Number 2/3, Essays in Honor of Reinhard SELTEN, Kartprint, Bratislava 1996.

ORIGINAL CONTRIBUTIONS TO JOURNALS (refereed):

Experiments on Forecasting Behavior under Several Sources of Information (with J. Leitner) - A Review of the Literature, accepted: *European Journal of Operations Research*.

How the Shadow of the Past Affects the Future - An Iterated Prisoners' Dilemma Experiment (with H. Hennig-Schmidt): submitted to: *Economic Letters*

Understanding Negotiations (with H.Hennig-Schmidt, A. Ostmann, Frans van Winden): Ockenfels A. and Sadrieh (eds.): *The Selten School of Behavioral Economics*, Springer, Heidelberg, N.Y., 2010, 125 -164.

Bonus or flat wage? An experiment into the principal-agent problem (with A. Mietek), *Applied Mathematics and Computation* 2010, 1141-1149.

How do commission rates influence a firm's success? Experiments and Statistical Analysis of Some Corporate Strategy Simulation Experiments. (with Bernd Brandl, Arleta Mietek and Stefan Pickl). *Central European Journal of Operations Research* 2010/4, 553-566.

Interactive Resource Planning - an Anticipative Concept in the Simulation Based Decision (Invited Paper together with Pickl St.) Daniel M. Duboi (ed): *AIP Conference Proceedings on Computing Anticipatory Systems*.

Increasing of the fitness of fundamental exchange rate forecast models (with B. Brandl and St. Pickl) accepted: *International Journal of Contemporary Mathematical Sciences*.

Forecasting Behavior in Instable Environments (with Becker O., Leitner J.), *Operations Research Proceedings 2008*, Springer, Heidelberg, N.Y. 2009, 501-507.

Feature Cluster: Facilitated Problem Structuring and Decision Analysis, editorial (with Franco A., Jablonsky J., and Montibeller G.), *European Journal of Operations Research* 199/3 (2009), 801-802.

Expected Utility versus the changes in knowledge ahead (with R. Pope, and J. Leitner), *European Journal of Operations Research* 199/3 (2009), 892- 902.

Analyzing the Sustainability of Harvesting Behaviour and the Relationship to Personality Traits in a Simulated Lotka-Volterra Biotope (with Christian Grabner, Heiko Hahn and Stefan Pickl), *European Journal of Operations Research* 193/3, (2009), 761-768.

OR for better management of sustainable development (with G.Weber, M. Zachariasen), *European Journal of Operations Research* 193/3, (2009), 647-649.

Expectation formation and regime switches (with O. Becker, J. Leitner): *Experimental Economics* 12/3, (2009), 350 - 364.

The Influence of Social Values in Cooperation (joint work with Feyer R. and Pickl St.): *Operations Research Proceedings 2007, Selected Papers of the Annual International Conference of the German OR Society*, Springer Berlin 2008, 205-210.

Modelling Expectation Formation Involving Several Sources of Information (with O. Becker, Johannes Leitner) accepted: *German Economic Review*.

Heuristic Modelling of Expectation Formation in a Complex Experimental Information Environment, (with Becker O., Leitner J.): *European Journal of Operations Research* 176 (2007), 975-985.

Educational Effects in an Experiment with the Management Game SINTO-Market, with Otwin BECKER, Tanja FEIT, Vera HOFER, Reinhard SELTEN, *Central European Journal of Operations Research* 15/4, (2007), 301-308.

A Simulation Application for Predator-Prey Systems (with Stefan Pickl, Jörg Schütze) *Operations Research Proceedings 2006, Selected Papers of the Annual International Conference of the German OR Society*, Springer Berlin 2007, 233-238.

Männer schöpfen Märkte besser aus - Empirische Evidenz anhand des Unternehmensplanspiels SINTO-Markt, (mit Becker O., Feit T., Hofer V., Selten R.): *Perspektiven der Wirtschaftspolitik* 2006/ 7(4) 445-458.

Das Marketingspiel Der SINTO-Markt, joint paper with: Becker O., Feit T., Hofer V., and Selten R., : *SEM-Radar* 1/2005, 3-18

Modelling Judgmental Forecasts under Tabular and Graphical Data Presentation Formats (joint with Becker O., Leitner J.): in Schmidt Ulrich, Traub Stefan: (eds.) *Advances in Public Economics: Utility, Choice and Welfare*, Springer, 2005. 255-266.

Heuristic Modeling of Expectation Formation in a Complex Information Environment (with Becker O., Leitner J.) in press: *European Journal of Operational Research* (online available)

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