

# Publications - Hardy Hanappi

All texts grouped in 'More Important Texts', 'Other Scientific Contributions', 'Book Reviews', 'Research Projects', and 'Popular Science'.

## More important texts:

- (1) Hanappi Gerhard/ Rodler Kurt: **Trends in Econometric Software** ("Entwicklungstendenzen ökonomischer Software"). Beitrag zur Jahrestagung der NÖG Tagung Oktober 1986, Quartalshefte der Girozentrale.
- (2) Hanappi Gerhard: **The Stages of Industrial Capitalism**. Invited Paper on the International Workshop "Technological and Social Factors in Long Term Fluctuations" ,University of Siena december 1986. Published by Springer Verlag 1989, editor: A.Vercelli et al. ([download](#))
- (3) Hanappi Gerhard/Frisch Helmut: **A Simulation Study for Budget Consolidation** ("Simulationsstudie zum Thema Budget-sanierung"), in "Konzepte für Österreich" edited by Gerhard Friedrich, 1988, Orac Verlag.
- (4) Hanappi Gerhard: **The Development of Capitalism** ("Die Entwicklung des Kapitalismus"), enlarged version of my PhD thesis, 1989, Peter Lang Verlag, Bern. (download [part 1](#), [part 2](#), in German. Attention: part 1 is 26MB, part 2 is 29MB)
- (5) Hanappi Gerhard: **Social Intelligence Support - a Project**, in Proceedings of the Conference "Mutual Uses of Cybernetics and Systems", Amsterdam 27.- 31. march 89, edited as a special issue of "Systemica" the Journal of the Dutch Systems Group.
- (6) Hanappi Gerhard/Wagner Michael: **Balanced Innovation Policies**. The macroeconomic trade off between employment growth and speed of industrial innovation in the Federal Republic of Germany, contribution to the conference "No Ways to Full Employment?" of the Science Centre Berlin, 5.-7. Juli 1989, published in Matzner E./Streeck W. (ed.), 1991, "Beyond Keynesianism", Edward Elgar, London. ([download](#))
- (7) Frühstück Werner/Hanappi Gerhard/Wagner Michael: **Innovation Activities in Germany** ("Innovationsaktivitäten im wirtschaftlichen Funktionsgefüge der Bundesrepublik Deutschland. Arbeitsmarktwirkungen modernerer Technologien 2"), 1989, Walter de Gruyter, Berlin, New York.
- (8) Hanappi Gerhard/Wagner Michael: **The Nexus between Innovation and Growth in the Federal Republic of Germany**, in E.Matzner/M.Wagner (Eds.), 1990, "The Employment Impact of New Technology. The Case of West Germany.", Avebury, Aldershot, Brookfield, USA.
- (9) Hanappi Gerhard: **Interest Rates and Capital Transfer in the International Context** ("Zinssätze und Kapitalverkehr im internationalen Zusammenhang."), published in Schriftenreihe Volkswirtschaft der österreichischen Postsparkasse, Fall 1990. ([download](#))
- (10) Hanappi Gerhard: **Evolutionism in Natural Sciences and Social Sciences**. On Basic Concepts of Evolutionary Economics, Methodus 92/1.
- (11) Hanappi Gerhard: **Evolutionary Economics**. The Evolutionary Revolution in the Social Sciences, Habilitation at the TU-Wien 1992, Avebury Publishers, Aldershot, 1994. ([download](#))
- (12) Egger Edeltraud/ Hanappi Gerhard: **Competence-Switching Managed by Intelligent Systems**, contributed paper to the Seventh International Symposium on

- Methodologies for Intelligent Systems (ISMIS '93), Trondheim, June 15-18, 1993 (appeared in the proceedings).
- (13) Egger Edeltraud/ Hanappi Gerhard: **From Syntax to Semantics and Back: The Problem of Information Selection in GDSS**, paper contributed to the Conference on Human Computer Interaction International (HCI '93), Orlando (Florida, USA), August 1993.
  - (14) Hanappi Gerhard: **Evolutionary Economics Reconsidered**, paper prepared for the conference 'Evolutionary and Neoclassical Perspectives on Market Structure and Economic Growth', September 24-25, 1993, Athens.
  - (15) Hanappi Gerhard/ Egger Edeltraud: **Intelligent Design versus Solving of Artificial Problems**. Artificial Intelligence Research at the Crossroads, paper contributed to the 1993 IEEE region 10 International Conference on "Computers, Communication and Automation", October 19-21, Beijing, China. ([download](#))
  - (16) Hanappi Gerhard/Egger Edeltraud: **Information Age - Deformation Age - Reformation Age**. An Assessment of the Information Technology Kondratieff, paper contributed as 'Long Paper' to the EAEPE 1993 Conference 'The Economy of the Future - Ecology : Technology : Institutions', Barcelona, 4-6 Nov. 1993, appeared in the proceedings. ([download](#))
  - (17) Egger Edeltraud/ Hanappi Gerhard: **Pareto-Optimal Conflict-Management in Firms**. Bargaining over organizational changes due to the introduction of computer systems, paper prepared for the Conference on Modelling the Dynamics of Organizations and Information Systems (HICSS '93), Hawaii, January 4-8, 1994.
  - (18) Hanappi Gerhard/ Egger Edeltraud: **After the Clash - Information Technology and the New World Order**, invited paper at the "XVIII Political Economy of the World-System Conference", Irvine (California), April 7-9, 1994 (appeared in the proceedings).
  - (19) Egger Edeltraud/ Hanappi Gerhard, **A Network Talk on CSCW**. Defining CSCW by the use of the network formalism, contribution to the annual international conference on Operations Research OR'94, Berlin, September 1994, appeared in the proceedings.
  - (20) Egger Edeltraud/ Hanappi Gerhard, **Multi-criteria Decision Making in Groups**. A Game-theoretic Model, contribution to the symposium on "Human Interaction with Complex Systems", Greensboro USA, September 1994, appears in the proceedings.
  - (21) Hanappi Gerhard/ Egger Edeltraud, **Who Evolutes the Evoluted?** Revisiting the Problem of the Driving Entities in Technological Evolution, contribution to the annual conference of the EAEPE, Copenhagen, October 1994.
  - (22) Hanappi Gerhard, **Schumpeter's Methodology. An Interpretation** ("Schumpeters Methodologie. Eine Interpretation"), in 'Sozioökonomische Forschungsansätze. Historische Genese, Methoden, Anwendungsgebiete' (conference volume of the 1st Austrian SASE conference), Vienna, 1995. ([download](#))
  - (23) Hanappi Gerhard, **The Great Transformation - Part 2. Contours of a non-capitalist future world system**, contribution to the International Polyani Conference in Vienna, November 1994, will be published in a book with other selected contributions.
  - (24) Egger Edeltraud/ Hanappi Gerhard, **Modelling Creative Contradictions for Organizational Change**, paper contributed to the Hawaii International Conference on Systems Science - 28 "Modelling the Dynamics of Organizations and Information Systems", Maui, Hawaii, January 1995, appeared in the proceedings. ([download](#))
  - (25) Hanappi Gerhard/ Egger Edeltraud, **Unifying Left Theories**, contributed paper to the 11th International Conference on Input-Output Techniques, New Delhi, 1995.

- (26) Egger Edeltraud/ Hanappi Gerhard, **CSCW as a Tool for System Transformation**, International Conference on the Problems of Excavating Cybernetics and Systems, Amsterdam, 1995, appears in the proceedings.
- (27) Egger Edeltraud/ Hanappi Gerhard, **CSCW: Decision Theory versus Game Theory**, IEMS'95, International Conference on Industry, Engineering and Management Systems, Cocoa Beach, Florida, 1995, appeared in the proceedings. ([download](#))
- (28) Hanappi Gerhard, **Monetary and Exchange Rate Policy on a Global Scale**, paper contributed to the Annual Meeting of the Eastern Economic Association, New York, March 17-19, 1995.
- (29) Egger E./ Hanappi H., **Negotiating: A Basic Concept of CSCW**, paper contributed to the 3rd International Society for Decision Support Systems Conference, Hong Kong, 1995, proceedings.
- (30) Hanappi Gerhard, **Endogeneous Institutions**. Implicit Institutional Change in Macroeconomic Transformation Models for Eastern Europe, paper contributed to the EAEPE 95 Conference 'Transforming Economies and Societies: Towards an Institutional Theory of Economic Change, Krakow, October 19-21, 1995. ([download](#))
- (31) Hanappi, Gerhard, **Perspectives of Gaming**, in " Macroeconomic Policy Games", Physica-Verlag, Heidelberg, 1995.
- (32) Hanappi-Egger E./ Hanappi G., **Lost in the Information Flood: On the Problem of relevant Information Selection in Firms**, paper contributed to the European Meeting on Cybernetics and Systems Research, April 1996 in Vienna, proceedings (edited by Robert Trapp), Reidel Publishers, 1996.
- (33) Hanappi G., **Endogenizing Institutions**, (in German: 'Endogenisierung von Institutionen'), invited paper at the 'Ausschuß für Evolutionäre Ökonomie' of the 'Verein für Socialpolitik', Osnabrück, July 1996, appeared in a conference volume with selected papers edited by Bernhard Meyer and Hans-Walter Lorenz. ([download](#))
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- (35) Hanappi G., **Is it possible to invent Europe**, paper presented at the annual conference of the Atlantic Economic Society, Rome, Italy, March 1998.
- (36) Hanappi G. & Rysavy E., **Economic Foundations of Electronic Commerce**, proceedings of the 1st International Conference on Electronic Commerce 98, Seoul, Korea, April 1998. ([download](#))
- (37) Hanappi G., **HE - A Simulation Environment for Socio-Economic Dynamics**, International SASE Conference, Vienna, July 1998, published in Computer Aided Systems Theory - EUROCAST'99, Lecture Notes in Computer Science, Springer, 2007 ([download](#))
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- (39) Hanappi G., **Europe's Emerging Shape - A Framework for Future Economic Policy**. contribution to the AEA conference in Pau, France, (June 99).
- (40) Hanappi G., 1999, **Evolutionary Models of Innovation: Narrowing the Gap between Methodological Aspirations and Empirical Findings**, (forthcoming).
- (41) Hanappi H., 2000, **Modeling the Emergence of Social Entities**. What history teaches and how simulation can provide more than description. Paper for EUROCAST '99, Lecture Notes in Computer Science, Springer Verlag. ([download](#))
- (42) Hanappi H., 1999, **Die Transformation von zentraler Planwirtschaft zur Marktwirtschaft: Mehrdimensionale Evolution mit Brüchen**, In: Marco Lehmann-

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- (47) Hanappi H., Hanappi-Egger E., 2000, **Time or Equilibrium: Modern Dynamic Modeling of Social Dynamics meets a Millenium Debate in Philosophy**, paper contributed to the 6th Congress of the Austrian Society for Philosophy, Linz 2000, forthcoming in the proceedings. ([abstract](#))
- (48) Hanappi H., Staudinger S., 2000, **Adaption towards Optimal Diversity: An Evolutionary Perspective**, Paper contributed to the 8th International J.A. Schumpeter Society - The Millenium Conference, Manchester, 28th June - 1st of July, 2000, forthcoming in the proceedings. ([abstract](#))
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- (59) Hanappi H., Hanappi-Egger E., **Elements of an I-O-based Framework for Marxian, Feminist and World-System Approaches**, in: Kohler G. and Chaves E. (eds), *Globalization: Critical Perspectives*, Nova Science Publishers, New York, 2003. ([download](#))
- (60) Hanappi H., **Algorithmic Foundations of Evolutionary Economics**, invited paper at the at the Wartensee Seminar (organizer: Kurt Dopfer), Wartensee (CH), July 2003.
- (61) Hanappi H., **Evolutionary Economic Programs**, invited paper at the 'Ausschuß für Evolutionäre Ökonomie' of the 'Verein für Socialpolitik', Erfurt, July 2003, appears in a conference volume with selected papers edited by Wolfgang Kerber. ([download](#))
- (62) Hanappi H., **Critical Masses and Prophecies**, paper presented at the Max Planck Institute for Comparative Economic Systems, Jena, July 2003.
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- (64) Hanappi H., **Network Europe: Households, Firms and Nations**, invited keynote paper at the EATA Conference 2003 in Cyprus, appeared in the proceedings, Limassol (Cyprus), 2003. ([download](#))
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- (66) Hanappi H., **Maxwell's Demons in Brains and Politics**. Formulating the evolution of needs and values as dialectics of entropy, paper presented at the EAEPE Conference 2003 in Maastricht (NL), appeared in the proceedings, Maastricht, 2003. ([download](#))
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- (68) Hanappi H., **The Survival of the Fattest**. Evolution of needs, lust and social value in a long-run perspective, paper presented at the European Association for Evolutionary Political Economy (EAEPE) Conference 2004 in Heraklion (Greece), October 28-31, Heraklion, 2004. Published as [MPRA Paper No. 29424](#) ([download](#) from ECON).



- (69) Hanappi H., **The Concept of Choice - Why and how innovative behaviour is not just stochastic**, Journal of Evolutionary Economics, vol. 18, pp. 275-289. ([download](#))
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- (71) Scheibenreif M. and Hanappi H., **New Deals of New Social Entities**. Evolution of old friends: workers - firms – classes - states, paper presented at the European Association for Evolutionary Political Economy (EAEPE) Conference 2005 in Bremen (Germany), November 20-12, Bremen, 2005. ([download](#))
- (72) Hanappi H., **Richard Goodwin: An Evolutionary Marxist**, Abstract, Vienna, 2005. ([download](#))
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- (75) Hanappi H., **On the Nature of Knowledge**, paper presented at the Ausschuss für Evolutorische Ökonomik (Verein für Socialpolitik) in Münster (Germany), July 5-7, 2007. Published as [MPRA Paper No. 27615](#) ([download](#))
- (76) Hanappi H., **Public Funds as Capital**, paper presented at the International Conference of EAEPE in Porto (Portugal), November 1-3, 2007. ([download](#))
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- (78) Hanappi H., Elsner W. (eds.), **Advances in Evolutionary, Institutional Economics. Evolutionary Mechanisms, Non-Knowledge nad Strategy**, Edward Elgar Publ., Cheltenham (UK), 2008. ([download Introduction](#))
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- (92) Hanappi H., 2012, **Exploring possibilities for Europe's future financial architecture**, invited keynote paper prepared for Third International Workshop on Managing Financial Instability in Capitalist Economies, Genova, Italy, September 19-21, 2012. (Download [pptx presentation](#))
- (93) Hanappi H., 2012, **The Quickstep Model**. A policy set reconciling socioeconomic and environmental dynamics, paper presented at the Annual Conference of the European Association for Evolutionary Political Economy (EAEPE) in Cracow (Poland), 18-20 October 2012. (Download [abstract](#) and [pptx](#) presentation)
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- (95) Hanappi H., 2012, **Shangri-La Governance**. A Sketch of an Integral Solution for European Economic Policy based on a Synthesis of Europe's Problems, updated version of a paper presented at an EU COST meeting in Stockholm 2010, to appear in the COST working papers series ([download](#)).
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#### Other Scientific Contributions

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