

EUROPEAN  
CURRICULUM VITAE  
FORMAT



Personal information

Name **Dr. Licht, Georg**  
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Nationality German  
Date of birth AUGUST 17, 1956

WORK EXPERIENCE

- Dates (from – to) June 1994 – present
- Name and address of employer Zentrum für Europäische Wirtschaftsforschung GmbH, Mannheim  
(Centre for European Economic Research)  
Department Industrial Economics and International Management  
L 7, 1  
68161 Mannheim  
Germany
- Type of business or sector Scientific economic research institute
- Occupation or position held Head of Department  
(since 2004 full signing power of behalf of ZEW and vice scientific head of the institute)
- Main activities and responsibilities Economics of innovation and technical change, innovation policy and evaluation of R&D programmes, high-tech start-ups, industrial and competition policy
  
- Dates (from – to) September 1994 – December 1994
- Name and address of employer Massachusetts Institute of Technology  
Department of Economics  
50 Memorial Drive  
Cambridge, MA 02139  
USA
- Type of business or sector University
- Occupation or position held Visiting researcher
- Main activities and responsibilities Innovation surveys, Analyses of survey data
  
- Dates (from – to) April 1992 – Mai 1994
- Name and address of employer Zentrum für Europäische Wirtschaftsforschung GmbH, Mannheim  
(Centre for European Economic Research)  
Department Industrial Economics and International Management  
L 7, 1  
68161 Mannheim  
Germany
- Type of business or sector Scientific economic research institute
- Occupation or position held Senior researcher
- Main activities and responsibilities Economics of innovation and technical change, technology policy and high-tech start-ups

- Dates (from – to) April 1985 – March 1992
- Name and address of employer University of Augsburg  
Department of Economics  
Universitätsstrasse  
86159 Augsburg
- Type of business or sector University
- Occupation or position held Researcher
- Main activities and responsibilities Lecturer in industrial economics, research in labour and industrial economics

## EDUCATION AND TRAINING

- Dates (from – to) 1978 – 1981
- Name and type of organisation providing education and training University of Tübingen  
Department of Economics
- Principal subjects/occupational Economics
- Title of qualification awarded
- Level in national classification ISCED6
- Dates (from – to) 1981 - 1983
- Name and type of organisation providing education and training University of Heidelberg  
Department of Economics
- Principal subjects/occupational Economics
- Title of qualification awarded Diplomvolkswirt
- Level in national classification ISCED6
- Dates (from – to) 1985 -1992
- Name and type of organisation providing education and training University of Augsburg  
Department of Economics
- Principal subjects/occupational Empirical industrial and labour economics; micro-economics, economic policy
- Title of qualification awarded Doctoral degree in economics
- Level in national classification ISCED6

## PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

GERMAN

OTHER LANGUAGES

- Reading skills English  
Excellent
- Writing skills Excellent
- Verbal skills Excellent

**SOCIAL SKILLS  
AND COMPETENCES**

*Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.*

Coordination of complex research networks comprising teams from various countries, different institutional backgrounds and different scientific disciplines

Communicating and presenting research findings to policy makers and innovation&technology policy stakeholder

**Member of various EU & OECD expert groups:**

- o Interim Evaluation of Eurostars Programm (2010), EU DG Research
- o National delegate to the OECD WPIA committee, Vice Head of Bureau (2006-)
- o Working Party of OECD's National Experts on Science and Technology Indicators (NESTI) (1994-)
- o Knowledge for Growth Advisory Group (2006-2009), EU DG Research
- o Expert Group "The role of Community research policy in the knowledge-based economy", DG Research
- o Steering Group OECD International Futures Programme "The Bioeconomy to 2020: Designing a Policy Agenda" (2006-2009)
- o High Level Advisory Group "Innovation Impact Study" der European Commission, DG Enterprise and Industry (2006-2008)
- o Fiscal Measures for Research Expert Group (2002-2003), EU DG Research
- o Benchmarking Scientific and Technological Productivity in Europe (2001-2002), EU DG Research
- o Innovation Policy for the Knowledge-based Economy (1999-2000), EU DG Enterprise

**Membership in scientific advisory bodies:**

- o Evaluation of research and teaching in Mechanical Engineering in Germany
- o Evaluation of RKW (the German productivity research organization)
- o Evaluation of data protection methods for micro-data (German Statistical Office)
- o Project advisory body to Hans Böckler Stiftung for „German Pharmaceutical Industry“, "Perspectives on German Biotechnology Industry", "Regional Start-ups Policies".

**Memberships in professional associations:**

- o German Economics Association (Verein für Socialpolitik)
- o Committee on Industrial Economics of the German Economics Association
- o European Economics Association (EEA)
- o European Association For Research in Industrial Economics (EARIE)

**ORGANISATIONAL SKILLS  
AND COMPETENCES**

Wide experience in conceptualization and management of complex projects, more than 140 projects since 1992.

Annual budget responsibility: 3 Mill. €

Responsibility for a research group of 30 people

**TECHNICAL SKILLS  
AND COMPETENCES**

EXCELLENT SKILLS IN STANDARD OFFICE SOFTWARE,  
EXCELLENT ECONOMETRIC SOFTWARE PACKAGES SKILLS (STATA, EViews)  
ECONOMETRIC EVALUATION OF INNOVATION POLICY MEASURES  
SURVEY AND QUESTIONNAIRE DESIGN  
ANALYSES OF SURVEY DATA

**DRIVING LICENCE(S)**

Yes

**ANNEXES**

LIST OF SELECTED PAPERS AND PUBLICATIONS

LIST OF SELECTED PROJECTS

## SELECTED PAPERS AND PUBLICATIONS

- Coeurderoy, Regis, Gordon Murray und Georg Licht (forthcoming), Young Firm Internationalization and Survival: Empirical Tests on a Panel of 'Adolescent' New Technology-based Firms in Germany and the UK, *International Small Business Journal*.
- Elschner, Christina, Christof Ernst, Georg Licht und Christoph Spengel (2009), What the Design of an R&D Tax Incentive Tells About its Effectiveness: A Simulation of R&D Tax Incentives in the European Union, *Journal of Technology Transfer*, DOI 10.1007/s10961-009-9146-y.
- Licht, Georg, Gordon Murray und Michael Woywode (2009), Timing of International Market Entry of UK and German High Tech Start Ups, *Zeitschrift für Betriebswirtschaft ZfB-Special Issue 1/2009*, 83-105.
- Hüschelrath, Kai, Nina Leheyda, Patrick Beschoner, Georg Licht, Spyros Arvanitis, Martin Wörter und Heinz Hollenstein (2009), Fallstudien zu den Wirkungen des Kartellgesetzes, *SECO Strukturberichterstattung Bd. 44/2*, Bern.
- Ebersberger, Bernd, Jakob Edler, Christoph Grimpe, Georg Licht und Heide Löhlein (2007), Nutzen, Kosten und Risiken der Internationalisierung der deutschen Wissenschaft, in: Jakob Edler, *Internationalisierung der deutschen Forschungs- und Wissenslandschaft*, ISI-Schriftenreihe Innovationspotenziale Stuttgart, 125-166.
- Georg Licht, Jürgen Egel, Christian Rammer, Harald Legler, Ulrich Schmoch, Bericht zur technologischen Leistungsfähigkeit Deutschland, Report to the German Research Ministry and the German Parliament, Berlin (2007).
- Marc Cowling, Helmut Fryges, Georg Licht & Gordon Murray, The survival and growth of adolescent high-tech firms in Germany and the UK, 1997-2003, *Anglo German Foundation Report*, London – Berlin (2007).
- Edler, Jakob, Patries Boeckholt, Bernd Ebersberger, Christoph Grimpe, Georg Licht und Sascha Ruhland (2007), Internationalisierung in der deutschen öffentlich finanzierten Wissenschaft: Synopse und Empfehlungen, in: Jakob Edler, *Internationalisierung der deutschen Forschungs- und Wissenslandschaft*, ISI-Schriftenreihe Innovationspotenziale Stuttgart, 301-318.
- Dirk Czarnitzki and Georg Licht, Additionality of Public R&D Grants in a Transition Economy: the Case of Eastern Germany, *The Economics of Transition*, 2006.
- Licht, Georg (2006), Deutschland nach der New Economy-Euphorie, *Venture Capital Magazin* Oktober 2006 - Sonderausgabe Start-up 2007 (2. Jahrgang), 26-28.
- Cremers, Katrin und Georg Licht (2006), Anstieg der Patentanmeldungen - Fakten und Erklärungsversuche, *Die Volkswirtschaft* 7/8-2006, 26-29.
- Oliver Heneric, Georg Licht and Wolfgang Sofka, On the Move – The Competitiveness of Europe's Automotive Industry, *Physica: Heidelberg/New York*, 2005.
- Andreas Fier, Sybille Hinze, Barbara Breitschopf, Georg Licht, Heide Löhlein (2005): *Strategische Forschung in Baden-Württemberg*, hrsg. Landesstiftung Baden-Württemberg, Karlsruhe und Mannheim.
- Dirk Czarnitzki, Andreas Fier, Oliver Heneric, Katrin Hussinger, Georg Licht, Elisabeth Müller and Wolfgang Sofka (2004), Background report to the European Competitiveness Report 2004, *Competitiveness and Benchmarking*, European Commission, Mannheim.
- Oliver Bürgel, Andreas Fier, Georg Licht and Gordon Murray: *The Internationalisation of Young High-Tech Firms*, *Physica: Heidelberg/New York*, 2004
- Christian Rammer, Wolfgang Polt, Jürgen Egel, Georg Licht and Andreas Schibany: *Internationale Trends der Forschungs- und Innovationspolitik*, Nomos: Baden-Baden, 2004
- Batria, Richard und Georg Licht (2004), *Technologietransfer im Vergleich - Eine Fallstudie*, *Wissenschaftsmanagement* 6/04, 12 - 17.
- Georg Licht, Manfred Stadler: Auswirkungen öffentlicher Forschungsförderung auf die private F&E-Tätigkeit: Eine mikroökonomische Evaluation (, in: Wolfgang Franz, Hans Jürgen Ramser and Manfred Stadler (Eds.): *Empirische Wirtschaftsforschung. Methoden und Anwendungen*, p. 213-239, Mohr-Siebeck: Tübingen. 2003
- Georg Licht: Enquêtes annuelles sur l'innovation: l'expérience allemande, in: *Insee Méthodes* N° 105, 2003, p. 53 – 58.
- Oliver Bürgel, Andreas Fier, Georg Licht and Gordon Murray: *The Effect of Internationalisation*

on the Rate of Growth of High-Tech Start-Ups.: Evidence for the UK and Germany, in: Ludwig Schätzl, Javier Revilla Diez (Eds): Technological Change and Regional Development in Europe, p. 74 – 89, Physica: Heidelberg/New York, 2002

Irene Bertschek, Martin Falk, Helmut Fryges, Georg Licht and Viktor Steiner: IKT-Fachkräftemangel und Qualifikationsbedarf, Nomos: Baden-Baden, 2002

Georg Licht and Giorgio Sirilli: Innovation Surveys, in: Fahrenkrog, G.; Polt, W.; Rojo, J.; Tübke, A.; Zinöcker, K., RTD Evaluation Toolbox, Assessing the Socio-Economic Impact of RTD-Policies, IPTS Technical Reports Series Bd. EUR 20382 EN, Sevilla, p. 71-81, Sevilla.

Eamon Kinsella, Georg Licht, Pari Patel, Giorgio Sirilli: Financing Research and Development, in: Fahrenkrog, G.; Polt, W.; Rojo, J.; Tübke, A.; Zinöcker, K., RTD Evaluation Toolbox, Assessing the Socio-Economic Impact of RTD-Policies, IPTS Technical Reports Series Bd. EUR 20382 EN, Sevilla, p. 21-31, Sevilla.

Czarnitzki, Dirk, Georg Licht, Christian Rammer und Alfred Spielkamp (2001), Rolle und Bedeutung von Intermediären im Wissens- und Technologietransfer, ifo Schnelldienst 4/2001, 40-49.

Harald Legler, Georg Licht and Alfred Spielkamp: Germany's Technological Performance, Physica: Heidelberg/New York, 2000

Georg Licht, Michael Reinhard and Ulrich Schmoch (Eds): Wissens- und Technologietransfer in Deutschland, Fraunhofer IRB Verlag, Stuttgart, 2000

Oliver Bürgel, Andreas Fier, Georg Licht and Gordon Murray: The Effect of Internationalisation on the Rate of Growth of High-Tech Start-Ups – Evidence for UK and Germany –, in: Frontiers of Entrepreneurship Research 2000, Babson College 2000 , p. 425-438

**SELECTED PROJECTS  
2001-2010**

Competing orientations? Economic and scientific references and orientations in the biotechnology: stocktaking, evaluations and consequences for the public funding of young biotechnology firms (German Ministry of Education and Research, 2009-2011)

Monitoring and Evaluation of "KMU-innovativ" within the Hightech-Strategy (German Ministry of Education and Research, 2008-2011)

Modernization of the concentration reporting (German Ministry of Economics and Technology, 2010-2011)

Competitiveness, Innovation and Intangible Investment in Europe – ColInvest (DG Research, FP7; 2008-2010)

Calculation of Hard-core Cartel Damages in Private Antitrust Enforcement (Cartel Damage Claims, 2010-2011)

High-Tech Start-ups in Germany (Microsoft Germany, 2005-2010)

Employment, innovation and welfare: A comparative study of Europe and China (German Ministry of Education and Research, 2009-2011)

Impact of R&D Programmes on Innovation: an international comparison (DG Enterprise, 2006-2009)

The economic importance of family enterprises (Foundation for Family Firms, 2009)

Broadband infrastructure and employment (Deutsche Telekom AG, 2009)

Evaluation of Germany's participation in the 6th Framework Programme (German Ministry of Education and Research, 2007-2009)

Evaluation of the Economics Effects of the Swiss Cartel Act (State Secretariat of Economic Affairs, 2007-2008)

Productivity Growth in Europa, the USA and Asia (Anglo-German Foundation 2006-2009)

Research Network on Competition Policy and Innovation (Leibniz-Society 2006-2009)

Business Angels and Financing of HighTech Startups (Bundesministerium für Wirtschaft und Technologie 2007)

Impact of Public R&D Programmes on Innovation (DG Enterprise 2006-2008)

HighTech-Start ups in Germany (Microsoft AG Germany, 2006, 2007)

Social Returns to R&D in Germany (Bundesministerium für Bildung und Forschung, 2007-2008)

Strategic Evaluation and Monitoring of the IST Programme (DG Information Society 2006)

Innovation in the German Economy (Bundesministerium für Bildung und Forschung; 1992-2011)

Innovation Watch – Systematic (DG Enterprise 2005-2008)

Germany's Technological Performance (Bundesministerium für Bildung und Forschung; 1995-2007)

Intellectual Property Rights, Appropriability and Competition in High-tech Industries (Deutsche Forschungsgemeinschaft; 2004-2007)

Analyses of direct project funding to small and medium sized enterprises (Bundesministerium für Bildung und Forschung; 2001-2006)

The Trend Chart on Innovation in Europe (European Commission, DG Enterprise; 1998-2005)

Quality of European Patents in Germany (European Patent Office; 2004)

International Comparison of Research and Innovation Policies (Bundesministerium für Bildung und Forschung; 2002-2004)

Innovation and public sector R&D (European Commission DG Enterprise; 2004-2004)

The Suitability of Structural Indicators as an Instrument to Evaluate the Economic Performance of EU Member States (Bundesministerium für Finanzen; 2004-2004)

Selecting Fields of Technology with Strategic Importance for Baden-Württemberg (Landesstiftung Baden-Württemberg ; 2003-2004)

Barriers to Innovation in Germany and International Relocation of Industrial Production (Chemical Industry, Chemical Workers Union, BASF AG; 2004-2004)

The European Automotive Industry: Competitiveness, Challenges, and Future Strategies (European Commission DG Enterprise; 2004-2004)

The Analysis of the German Biotechnology Sector (Local trade and industry; 2003-2004)

Determinants of Survival, Growth, and Internationalisation Behaviour of Young High-tech Firms in Germany and the United Kingdom (Anglo-German Foundation; 2002-2004)

The Development of Young Firms (Deutsche Forschungsgemeinschaft; 2000-2004)

Economic Development in East-Germany (Bundesministerium für Finanzen; 2001-2003)

Applications of New Quantitative Approaches for the Evaluation of Public Promotion of Research. Methodical basics, Stock-taking, and Uses Considering Micro System Technology as an Example (Bundesministerium für Bildung und Forschung; 2001-2003)

Third Community Innovation Survey (CIS3) (European Commission EUROSTAT; 2001-2003)

European Hedonics Centre (European Commission EUROSTAT; 2001-2003)

Public Promotion of Innovation Activities by Firms in Germany (Bundesministerium für Bildung und Forschung; 2001-2002)

Socio-Economic Evaluation of Public RTD Policies (European Commission, DG Research; 2000-2002)

Firm Dynamics in Baden-Wuerttemberg - a Comparative Analysis (Wirtschaftsministerium Baden-Württemberg; 2001-2002)

Application of Hedonic Techniques in the Consumer Price Index in the Case of IT and Automobile (Statistisches Bundesamt; 2000-2002)

Information Technology - a General Purpose Technology and its Impacts on Productivity (Deutsche Forschungsgemeinschaft; 1999-2001)

Lack of Qualified IT Personnel and Qualification Requirements. Empirical Analyses for Manufacturing Industry and Selected Service Sectors in Germany (Bundesministerium für Bildung und Forschung; 2000-2001)