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# Curriculum Vitae – Prof. Dr. Hartmut Hirsch-Kreinsen

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## Scientific Career

Since April 2015	Senior Research Professor, TU Dortmund University
1997 to 2015	Chair of Economic and Industrial Sociology Faculty of Economics and Social Sciences TU Dortmund University, 2015 retirement
1985 to 1997	Research associate, Institute of Social Science Research Munich, ISF München
1994	Habilitation, Sociology, TH Darmstadt University "Innovation Patterns of Numerical Controlled Machine Tools in the U.S. and in Germany"
1978 to 1984	Research associate, Institute of Sociology TH Darmstadt University
1983	Dissertation, Dr. rer. pol., TH Darmstadt University "Organization with IT Systems – An Empirical Analysis in Machine Tool Companies"
1976	Master of Business Administration and Engineering (Dipl.Wirtsch.Ing.) , TH Darmstadt University

## Working Fields

The working fields focus on the broad field of economic and industrial sociology. A main focus is the analysis of company innovation strategies and their interdependencies with societal development. Institutional approaches provided by different sub-disciplines of the social sciences are a main theoretical reference point for the research activities. In this regard the various concepts of systems of innovation and conceptual approaches in the field of political economy and the comparative analysis capitalism are of major relevance. The working fields can be described in detail as follows:

- change of economic structures and development of work,
- innovation studies and development processes of new technologies,
- digitization and its consequences for work and society

Specifically research interests focus on industrial innovation processes and the development perspectives in advanced economies. A specific issue in this research field encompasses the situation and perspectives of mature technologies and the innovativeness of companies from so-called „low-tech“ sectors. Concerning this topic many research projects have been conducted since the beginning of the last decade. Currently a main research area is the increasing digitalization of production (in Germany discussed as “Industry 4.0”) and its consequences for skills, working conditions and labor markets.

## Visiting Scholar

March 2015	Visiting Professor at the University of Auckland/NZ, Centre for Entrepreneurship and Innovation
September 2011	Visiting Professor at the L.N. Gumilev Eurasian National University, Astana/Kazakhstan
April 2010	Visiting Professor at the Finance University (Academy) under the Government of the Russian Federation, Chair of Microeconomics, Moscow
February 2010	Visiting Professor at the Catholic University of Lublin (KUL), Faculty for Social Science
September 1994	Visiting researcher at the Arbetsmiljöinstitutet/Stockholm
May 1991	Visiting researcher at the University of Wisconsin, Madison/WI, Industrial Relations Research Institute/School of Workers

## Professional Activities (selection)

- Board member, “Research Institute for Social Development” (Forschungsinstitut für Gesellschaftliche Weiterentwicklung - FGW) Düsseldorf 2016 to 2019
- Member of the Advisory Council “Future of Work”, Board of the Metal Workers Union (IG Metall) since 2015
- Member of the Scientific Advisory Committee „Industry 4.0“, Platform “Industry 4.0” Germany since 2013
- Board member of the “Allianz Wirtschaft und Arbeit 4.0” government of North Rhine-Westphalia, 2016 to 2017
- Board member, Sozialforschungsstelle Dortmund TU Dortmund, 2009 to 2013
- Member of the Strategic Planning Body Manufacturing Technology at the German Federal Ministry of Research and Education (BMBF), 2000 to 2011
- Member of the Strategic Planning Body of Innovation and Technology Manufacturing Technology at the German Federal Ministry of Research and Education (BMBF), 2000 to 2004
- Member of the Federal Initiative "Partner for Innovation", 2004/05
- Advisory Committee on Technology and Economy at the German Engineering Association, Chair of the working group on innovation networks, 2001-2004
- Working Group on Technology Assessment of the State of NRW (AKTAB), 1997 to 2003
- Editorial Board: Journal for Mental Changes - Perspectives of Economic and Social Integration, KUL, Lublin/PL since 2002
- Working Group: Management of Technology, European Consortium of Innovative Universities (ECIU) (Chair), 1997 to 2001
- Member and Chair of the German Section of Industrial Sociology 1996/97 and 2006/2008
- Review activities, e.g.: VW-Foundation, German Reserach Foundation (DFG), Swiss National Science Foundation (SNSF), German Federal Ministry of Research and Education (BMBF), various national and international scientific journals