

# ZiF

Zentrum für interdisziplinäre Forschung  
Center for Interdisciplinary Research  
Universität Bielefeld



## Research Groups

2020

## **Multimodal Rhetoric in Online Media Communications**

Kay O'Halloran (Perth, AUS)

John Bateman (Bremen, GER)

John Mohr (Santa Barbara, USA)

Mehul Bhatt (Örebro, SWE)

2019 / 20

## **Cognitive Behaviour of Humans, Animals, and Machines: Situation Model Perspectives**

Helge Ritter (Bielefeld, GER)

Werner Schneider (Bielefeld, GER)

2018 / 19

## **'Felix Culpa'? Guilt as Culturally Productive Force**

Matthias Buschmeier (Bielefeld, GER)

Katharina von Kellenbach (St. Marys City, USA)

2018

## **Understanding Southern Welfare. Ideational and Historical Foundations of Social Policies in Brazil, India, China and South Africa**

Ulrike Davy (Bielefeld, GER)

Lutz Leisering (Bielefeld, GER)

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2017 / 18

## **In Search of the Global Labour Market – Actors, Structures and Policies**

Ursula Mense-Petermann (Bielefeld, GER)

Thomas Welskopp (Bielefeld, GER)

Anna Zaharieva (Bielefeld, GER)

2016 / 17

## **Kinship and Politics: Rethinking a Conceptual Split and Its Epistemic Implications in the Social Sciences**

Erdmute Alber (Bayreuth, GER)

David Warren Sabeau (Los Angeles, USA)

Simon Teuscher (Zürich, SUI)

Tatjana Thelen (Wien, AUT)

2015 / 16

## **Genetic and Social Causes of Life Chances**

Martin Diewald (Bielefeld, GER)

Rainer Riemann (Bielefeld, GER)

2015 / 16

## **The Ethics of Copying**

Reinold Schmücker (Münster, GER)

Thomas Dreier (Karlsruhe, GER)

Pavel Zahrádka (Olomouc, CZE)

2015

## **Robust Finance: Strategic Power, Knightian Uncertainty, and the Foundations of Economic Policy Advice**

Frank Riedel (Bielefeld, GER)

Chris Shannon (Berkeley, USA)

2014

## **Balancing Religious Accommodation and Human Rights in Constitutional Frameworks**

Mirjam Künkler (Princeton, USA)

Hanna Lerner (Tel Aviv, ISR)

Shylashri Shankar (New Delhi, IND)

2013 / 14

## **Normative Aspects of Public Health**

Stefan Huster (Bochum, GER)

Thomas Schramme (Hamburg, GER)

2012 / 13

## **Competition and Priority Control in Mind and Brain: New Perspectives from Task-Driven Vision**

Werner Schneider (Bielefeld, GER)

Wolfgang Einhäuser-Treyer (Marburg, GER)

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2012

## **Stochastic Dynamics: Mathematical Theory and Applications**

Leonid Bogachev (Leeds, GBR)

Benjamin Bolker (Hamilton, CAN)

Yuri Kondratiev (Bielefeld, GER)

Otso Ovaskainen (Helsinki, FIN)

2012

## **The Message of Quantum Science – Attempts Towards a Synthesis**

Jürg Fröhlich (Zürich, SUI)

Philippe Blanchard (Bielefeld, GER)

2011 / 12

## **The Cultural Constitution of Causal Cognition: Re-Integrating Anthropology into the Cognitive Sciences**

Andrea Bender (Freiburg, GER)

Sieghard Beller (Paderborn, GER)

2010 / 11

## **Communicating Disaster**

Jörg Bergmann (Bielefeld, GER)

Heike Egner (Klagenfurt, AUT)

Volker Wulf (Siegen, GER)

2009 / 10

## **Challenges to the Image of Humanity and Human Dignity by New Developments in Medical Technology**

Jan C. Joerden (Frankfurt (Oder), GER)

Eric Hilgendorf (Würzburg, GER)

Felix Thiele (Bad-Neuenahr-Ahrweiler, GER)

2008 / 09

## **E Pluribus Unum? Ethnic Identities in Transnational Integration Processes in the Americas**

Sebastian Thies (Bielefeld, GER)

Josef Raab (Duisburg-Essen, GER)

Olaf Kaltmeier (Bielefeld, GER)

2007 / 08

## **Control of Violence**

Heinz-Gerhard Haupt (Bielefeld, GER)

Wilhelm Heitmeyer (Bielefeld, GER)

2006 / 07

## **Science in the Context of Application**

Martin Carrier (Bielefeld, GER)

Wolfgang Krohn (Bielefeld, GER)

Alfred Nordmann (Darmstadt, GER)

Gregor Schiemann (Wuppertal, GER)

Peter Weingart (Bielefeld, GER)

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2005 / 06

## **Embodied Communication in Humans and Machines**

Ipke Wachsmuth (Bielefeld, GER)

Günther Knoblich (Newark, USA)

2005

## **Stochastic Modelling in the Sciences: Stochastic Partial Differential Equations and Random Media**

Friedrich Götze (Bielefeld, GER)

Yuri Kondratiev (Bielefeld, GER)

Michael Röckner (Bielefeld, GER)

2004 / 05

## **Emotions as Bio-Cultural Processes**

Hans J. Markowitsch (Bielefeld, GER)

Birgitt Röttger-Rössler (Göttingen, GER)

2002 / 03

## **General Theory of Information Transfer and Combinatorics**

Rudolf Ahlswede (Bielefeld, GER)

2001 / 02

## **Procedural Approaches to Conflict Resolution. Designing Analytical Support for Interactive Group Decision Making**

Matthias Raith (Magdeburg, GER)

Joachim Rosenmüller (Bielefeld, GER)

Walter Trockel (Bielefeld, GER)

2000 / 01

## **The Sciences of Complexity: From Mathematics to Technology to a Sustainable World**

Philippe Blanchard (Bielefeld, GER)

Ricardo Lima (Marseille, FRA)

Ludwig Streit (Bielefeld, GER)

Rui Vilela Mendes (Lisbon, POR)

1999 / 2000

## **Making Choices. An Interdisciplinary Approach to Modelling Decision Behaviour**

Werner Güth (Berlin, GER)

Joachim Frohn (Bielefeld, GER)

Hartmut Kliemt (Duisburg, GER)

Reinhard Selten (Bonn, GER)

1998 / 99

## **Rational Environmental Policy – Rational Environmental Legislation**

Gertrude Lübbe-Wolff (Bielefeld, GER)

1997 / 98

## **Theory of Social Change**

Günter Dux (Freiburg, GER)



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1996 / 97 / 98

**Multi-Scale Phenomena:  
The Simulation of Complex Systems on Massively Parallel Computers**

Frithjof Karsch (Bielefeld, GER)

Burkhard Monien (Paderborn, GER)

Helmut Satz (Bielefeld, GER)

1996 / 97

**Interactions of Oriented Molecules**

Jürgen Hinze (Bielefeld, GER)

Ulrich Heinzmann (Bielefeld, GER)

Hansjürgen Loesch (Bielefeld, GER)

Wilhelm Raith (Bielefeld, GER)

1995 / 96

**Perception and the Role of Evolutionary Internalised Regularities  
of the Physical World**

Dieter Heyer (Kiel, GER)

Rainer Mausfeld (Kiel, GER)

1994 / 95

**Historical Meaning Construction.  
Interdisciplinary Research into Structure, Logic and Function  
of Historical Awareness – a Cross-Cultural Comparison**

Jörn Rüsen (Bielefeld, GER)

1993 / 94

## Prerational Intelligence

Holk Cruse (Bielefeld, GER)

Helge Ritter (Bielefeld, GER)

1993

## National Self-Image and Public Image in East European States – Manifestations in Discourse

Reinhard Fiehler (Bielefeld, GER)

Elisabeth Gülich (Bielefeld, GER)

1992 / 93

## Semantical Aspects of Spacetime Theories

Ulrich Majer (Göttingen, GER)

Heinz-Jürgen Schmidt (Osnabrück, GER)

1992 / 93

## Mental Models in Discourse Processing

Christopher Habel (Hamburg, GER)

Gert Rickheit (Bielefeld, GER)

1991 / 92

## Biological Foundations of Human Culture

Peter Weingart (Bielefeld, GER)

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1990 / 91

## **Combinatorics and Its Applications**

Walter Deuber (Bielefeld, GER)

Andreas Dress (Bielefeld, GER)

Bernhard Korte (Bonn, GER)

1989 / 90

## **Mind and Brain – Perspectives in Theoretical Psychology and the Philosophy of Mind**

Peter Bieri (Bielefeld, GER)

Eckart Scheerer (Oldenburg, GER)

1988 / 89

## **State Tasks**

Dieter Grimm (Bielefeld, GER)

1987 / 88

## **Game Theory in the Behavioural Sciences**

Reinhard Selten (Bonn, GER)

1986 / 87

## **Citizens, Bourgeois Way of Life and Civil Society. The 19. Century – a European Comparison**

Jürgen Kocka (Bielefeld, GER)

# ZiF Research Groups

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1985 / 86

## Complex Liquids

Thomas Dorfmueller (Bielefeld, GER)

1984 / 85

## Perception and Action

Herbert Heuer (Bielefeld, GER)

Odmar Neumann (Bielefeld, GER)

Wolfgang Prinz (Bielefeld, GER)

Andries Frans Sanders (Aachen, GER)

1983 / 84

## Infinitely Many Degrees of Freedom – Physics and Mathematics

Ludwig Streit (Bielefeld, GER)

1982 / 83 / 84

## Constituents and Confinement

Helmut Satz (Bielefeld, GER)

1982 / 83

## The Probabilistic Revolution 1800–1930: Dynamics of Scientific Development

Lorenz Krüger (Berlin, GER)

1981 / 82

## Guidance and Control in the Public Sector

Franz-Xaver Kaufmann (Bielefeld, GER)

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1980 / 81 / 82

## **Social Therapy Institutions in Correctional Facilities**

Lothar Nellessen (Kassel, GER)

Stephan Quensel (Bremen, GER)

Horst Schüler-Springorum (München, GER)

Friedrich Specht (Göttingen, GER)

1980 / 81

## **History of Literary Utopias in Early Modern Times**

Wilhelm Voßkamp (Bielefeld, GER)

1979 / 80

## **Properties and Reactions of Isolated Molecules and Atoms**

Jürgen Hinze (Bielefeld, GER)

1978 / 79

## **Interdisciplinary Research Year:**

### **1. Philosophy and History**

Reinhart Koselleck (Bielefeld, GER)

### **2. Theory of Science**

Reinhard Selten (Bielefeld, GER)

### **3. History of Science**

Peter Weingart (Bielefeld, GER)

### **4. Economic History**

Jürgen Kocka (Bielefeld, GER)

## 5. International Economic Law

Norbert Horn (Bielefeld, GER)

## 6. Structures and Models in Physics and Mathematics

Helmut Satz (Bielefeld, GER)

1977 / 78

## Comparative Behavioural Ontogenesis at Humans and Animals

Klaus Immelmann (Bielefeld, GER)

1976 / 77

## Youth Services Planning

Otfried Kießler (Bielefeld, GER)

Friedrich Ortman (Bremen, GER)

Hans-Uwe Otto (Bielefeld, GER)

Hans Thiersch (Tübingen, GER)

1976 / 77

## Linguistics and History

Reinhart Koselleck (Bielefeld, GER)

1976 / 77

## Historical Determinants for Organizational Forms of Modern Commercial Enterprises

Norbert Horn (Bielefeld, GER)

Jürgen Kocka (Bielefeld, GER)

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1975 / 76 / 77

## **Dynamical Models and Statistical Methods**

Helmut Satz (Bielefeld, GER)

1975 / 76

## **Mathematical Problems of Quantum Dynamics**

Ludwig Streit (Bielefeld, GER)

1974 / 75

## **Law and Social Sciences**

Norbert Horn (Bielefeld, GER)

1974

## **Journalism and Science**

Harald Weinrich (Bielefeld, GER)

1973 / 74

## **Social Planning**

Hermann Korte (Bielefeld, GER)

1973

## **Set Theory**

Harald Weinrich (Bielefeld, GER)

The **ZiF** is Bielefeld University's Institute for Advanced Study and fosters outstanding and innovative interdisciplinary research projects. It is an independent, thematically open research institute and hosts scholars from all disciplines and all countries.

## Contact

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