



Our Common Future

Hannover · Essen
2.-6. November 2010

Preliminary Programme

(as of September 29, 2009)

A JOINT CONFERENCE OF



VolkswagenStiftung



Deutsche Messe
Hannover · Germany



Stiftung
Mercator

IN ASSOCIATION WITH

Landeshauptstadt

Hannover



Programme Overview

		Parallel Sessions		
Hannover Convention Center CC, Deutsche Messe	3.11.	Session 1 Global Health and Molecular Medicine I Scientific Advisor: Axel Haverich	Session 2 Future Technologies I: Communication Scientific Advisor: Wolfgang Wahlster	Session 3 Economic Development for Global Inclusion Scientific Advisor: Stephan Klasen
	4.11.	Session 4 Climate Change and Energy I Scientific Advisor: Hans Joachim Schellnhuber	Session 5 Future Technologies II: Mobility Scientific Advisors: Jutta Allmendinger, Andreas Knie	Session 6 Human Rights - Global Culture - International Institutions Scientific Advisors: Dieter Grimm, Jutta Limbach
Essen Philharmonie Essen	5.11.	Session 7 Climate Change and Energy II Scientific Advisor: Reinhard Hüttl	Session 8 Future Technologies III: The Factory of the Future Scientific Advisor: Fritz Klocke	Session 9 Migration and Integration: Global Tensions - Local Responses Scientific Advisors: Klaus J. Bade, Michael Bommers
	6.11.	Session 10 Global Health and Molecular Medicine II Scientific Advisor: Karl Lenhard Rudolph	Session 11 Metropolis Scientific Advisor: Frauke Kraas	Session 12 Religion and Values Scientific Advisor: Hans Joas

Programme Schedule

Hannover Convention Center CC, Deutsche Messe	2.11.	17.00 - 19.00	Conference Opening in Hannover
	3.11.	09.00 - 12.30 12.30 - 13.30 13.30 - 18.00 19.30	Parallel Sessions 1, 2, 3 Keynote Lectures Lunch Break Workshops Reception by the city of Hannover
	4.11.	08.30 - 12.00 12.00 - 13.00 13.00 - 17.30 17.30	Parallel Sessions 4, 5, 6 Keynote Lectures Lunch Break Workshops Transfer to Essen
Essen Philharmonie Essen	5.11.	09.00 - 10.00 10.00 - 13.15 13.15 - 14.30 14.30 - 19.30 19.30	Conference Opening in Essen Parallel Sessions 7, 8, 9 Keynote Lectures Lunch Break Workshops Reception by RUHR.2010
	6.11.	09.00 - 12.30 12.30 - 13.30 13.30 - 18.30 19.00 - 20.00 20.00	Parallel Sessions 10, 11, 12 Keynote Lectures Lunch Break Workshops Conference Closing Party at Zeche Zollverein
	7.11.		Departure

Conference Opening in Hannover

Hannover, November 2, 2010

- 17.00 - 17.15** **Words of Welcome**
Wolfram von Fritsch, Deutsche Messe
- 17.15 - 18.30** **Opening Addresses**
Horst Köhler, President of the Federal Republic of Germany
NN
- 18.30** **Reception**

Conference Opening in Essen

Essen, November 5, 2010

- 09.00 -** **Opening**
Rüdiger Frohn, Stiftung Mercator
Fritz Pleitgen, RUHR.2010
- 09.30 - 10.00** **Keynote Speech**
Jürgen Rüttgers, Prime Minister, North Rhine-Westphalia

Conference Closing

Essen, November 6, 2010

- 19.00 - 20.00** **Panel Discussion**
- 20.00** **Party at Zeche Zollverein**

Session 1 Global Health and Molecular Medicine I

Scientific Advisor: Axel Haverich

Hannover, November 3, 2010

09.00 - 09.15

Opening

Axel Haverich, Medizinische Hochschule Hannover

09.15 - 12.30

Keynote Lectures

Chair: Frank Schirrmacher, Frankfurter Allgemeine Zeitung

Cancer and Infectious Diseases in Africa - a Medical and Demographical Reality

Kwabena Frimpong-Boateng, Korle Bu Teaching Hospital, Accra, Ghana

Infectious Diseases - Effects of Innovative Counter Attacks on Global Health

Rudi Balling, Helmholtz-Zentrum für Infektionsforschung, Braunschweig

11.00 - 11.30

Coffee Break

11.30 - 12.30

Keynote Lectures (continued)

Cancer - a Global Vision for Prevention and Cure

Otmar D. Wiestler, Deutsches Krebsforschungsinstitut, Heidelberg

12.30 - 13.30

Lunch Break

13.30-15.00

Workshop 1.1

Infectious Disease - Molecular Research - Global Effects

Chair: Rudi Balling

Workshop 1.2

Cancer - From Molecular Research to Improved Global Health

Chair: Otmar D. Wiestler

15.00 - 15.30

Coffee Break

15.30-17.00

Workshop 1.1 (continued)

Infectious Disease - Molecular Research - Global Effects

Chair: Rudi Balling

Workshop 1.2 (continued)

Cancer - From Molecular Research to Improved Global Health

Chair: Otmar D. Wiestler

17.15-18.00

Closing Plenary

Life Sciences in China: More Research - Better Medicine - Larger Population?

Session 2

Future Technologies I: Communication

Scientific Advisor: Wolfgang Wahlster

Hannover, November 3, 2010

09.00-09.15

Opening

Wolfgang Wahlster, Deutsches Forschungszentrum für Künstliche Intelligenz GmbH, Saarbrücken

09.15-11.00

Keynote Lectures

Chair: Wolfgang Wahlster

New Web Worlds

NN

Embodied Conversational Agents

NN

11.00 - 11.30

Coffee Break

11.30 - 12.30

Keynote Lectures (continued)

Ambient Intelligence and Smart Environments

NN

12.30 - 13.30

Lunch Break

13.30 - 15.00

Workshop 2.1

Ambient Assisted Living

Chair: Wolfgang Wahlster

Workshop 2.2

IT Innovation

Chair: NN

15.00 - 15.30

Coffee Break

15.30 - 17.00

Workshop 2.1 (continued)

Ambient Assisted Living

Chair: Wolfgang Wahlster

Workshop 2.2 (continued)

IT Innovation

Chair: NN

17.15 - 18.00

Closing Plenary

The Future of Communication

Session 3 Economic Development for Global Inclusion

Scientific Advisor: Stephan Klasen

Hannover, November 3, 2010

09.00-09.15

Opening

Stephan Klasen, Universität Göttingen

09:15-11.00

Keynote Lectures

Chair: Stephan Klasen

Opportunities and Challenges for Inclusion of the 'Bottom Billion'

Paul Collier, University of Oxford, UK

Opportunities for African Development after the Economic and Financial Crisis: What Must Africa and the International Community Do?

Emmanuel Tumussiime-Mutebile, Bank of Uganda, Uganda

Commentary: Vijaya Ramachandran, Center for Global Development, USA

11.00 - 11.30

Coffee Break

11:30 - 12:30

Keynote Lectures (continued)

How Can Emerging Economies Help Promote Global Development: the Role of Trade, Investment, Aid, Technology and Policy

François Bourguignon, Paris School of Economics, France

12.30 - 13.30

Lunch Break

13.30 - 15.00

Workshop 3.1 Policy Coherence in Development Policy

Chair: Paul Collier
Input: Vijaya Ramachandran

Workshop 3.2 Food, Energy, and Finance: Lessons from the Crisis and Opportunities for Future Development

Chair: Máximo Torero, International
Food Policy Research Institute,
Washington D.C., USA

15.00 - 15.30

Coffee Break

15.30-17.00

Workshop 3.1 (continued) Policy Coherence in Development Policy

Chair: Paul Collier

Workshop 3.2 (continued) Food, Energy, and Finance: Lessons from the Crisis and Opportunities for Future Development

Chair: Máximo Torero

17.15-18.00

Closing Plenary Turning Threats into Opportunities for Development

Sir Partha Dasgupta, University of Cambridge, UK

Commentary: Máximo Torero

Session 4 Climate Change and Energy I

Scientific Advisor: Hans Joachim Schellnhuber

Hannover, November 4, 2010

08.30-08.45

Opening

Hans Joachim Schellnhuber, Potsdam-Institut für Klimafolgenforschung

08.45-10.30

Keynote Lectures

Chair: Hans Joachim Schellnhuber

How Dangerous is Climate Change?

Sir David King, University of Cambridge, UK

Commentary: Stefan Rahmstorf, Potsdam-Institut für Klimafolgenforschung

The Energy Revolution

NN

Commentary: Nebosja Nakicenovic, Technische Universität Wien, Austria

10.30 - 11.00

Coffee Break

11.00-12.00

Keynote Lectures (continued)

Mitigation and Adaptation

Jacqueline McGlade, European Environment Agency, Denmark

Commentary: Ottmar Edenhofer, Potsdam-Institut für Klimafolgenforschung

12.00 - 13.00

Lunch Break

13.00 - 14.30

Workshop 4.1 Technologies to Save the World

Chair: Hermann Requardt, Siemens AG, München

Input: Ottmar Edenhofer

Workshop 4.2 Climate Justice, Climate Governance

Chair: Klaus Töpfer, Institut für Klimawandel, Erdsystem und Nachhaltigkeit, Potsdam

Input: Frank Biermann, Vrije Universiteit Amsterdam, Netherlands

14.30 - 15.00

Coffee Break

15.00 - 16.30

Workshop 4.1 (continued) Technologies to Save the World

Chair: Hermann Requardt

Workshop 4.2 (continued) Climate Justice, Climate Governance

Chair: Klaus Töpfer
Input: Christoph Bals, Germanwatch

16.45 - 17.30

Closing Plenary

Chair: Klaus Töpfer

Towards a Green Global Deal

Lord Nicholas Stern, London School of Economics, UK

Session 6

Human Rights - Global Culture - International Institutions

Scientific Advisors: Dieter Grimm, Jutta Limbach

Hannover, November 4, 2010

08.30-08.45

Opening

Jutta Limbach, former President German Federal Constitutional Court and former President Goethe-Institut

Dieter Grimm, Wissenschaftskolleg Berlin

08.45-10.30

Keynote Lectures

Chair: Dieter Grimm

Human Rights and Cultural Narratives

Homi Bhabha, Harvard University, USA

10.30 - 11.00

Coffee Break

11.00-12.00

Keynote Lectures (continued)

Protection of Human Rights in the European Union

Andreas Voßkuhle, German Federal Constitutional Court

12.00 - 13.00

Lunch Break

13.00-14.30

Workshop 6.1

The Future of International Law

Chair: Jochen Frowein, Max-Planck-Institut für ausländisches öffentliches Recht und Völkerrecht, Heidelberg

Workshop 6.2

Towards a Global Community of Human Rights Law

Chair: Jutta Limbach

14.30 - 15.00

Coffee Break

15.00-16.30

Workshop 6.1 (continued)

The Future of International Law

Chair: Jochen Frowein

Workshop 6.2 (continued)

Towards a Global Community of Human Rights Law

Chair: Jutta Limbach

16.45-17.30

Closing Plenary

Human Rights and Climate Justice

Mary Robinson, Oxfam International, Oxford, UK

Session 7 Climate Change and Energy II

Scientific Advisor: Reinhard Hüttl

Essen, November 5, 2010

- 10.15 - 10.30** **Opening**
Reinhard Hüttl, GeoForschungsZentrum Potsdam
- 10.30 - 11.15** **Keynote Lectures**
- Why do we need Adaptation?**
Reinhard Hüttl
- Water Availability and Management**
Alexander Zehnder, Alberta Water Research Institute, Edmonton, Canada
- 11.15 - 11.45** **Coffee Break**
- 11.45 - 13.15** **Keynote Lectures (continued)**
- Soils and Landuse**
Rattan Lal, Ohio State University, USA
- Bioeconomy: The Efficient Use of Biomass**
Joachim von Braun, International Food Policy Research Institute, Washington D.C., USA
- 13.15 - 14.30** **Lunch Break**
- | | | |
|----------------------|--|---|
| 14.30 - 16.00 | Workshop 7.1
Adaptation Strategies I:
Sustainable Use of Natural
Resources | Workshop 7.2
Adaptation Strategies II: Impact
on Man |
|----------------------|--|---|
- 16.00 - 16.30** **Coffee Break**
- | | | |
|----------------------|--|---|
| 14.30 - 16.00 | Workshop 7.1 (continued)
Adaptation Strategies I:
Sustainable Use of Natural
Resources | Workshop 7.2 (continued)
Adaptation Strategies II: Impact
on Man |
|----------------------|--|---|
- 18.00 - 18.30** **Coffee Break**
- 18.30 - 19.30** **Closing Plenary**
Chair: Reinhard Hüttl

Session 8 Future Technologies III: The Factory of the Future

Scientific Advisor: Fritz Klocke

Essen, November 5, 2010

10.15 - 10.30

Opening

Fritz Klocke, RWTH Aachen University

10.30 - 11.15

Keynote Lectures

General Aspects: What are the Global Driving Forces and how do they influence Production?

Fred van Houten, Delft University of Technology, Netherlands

Organization in Production: What are new Business Structures in Manufacturing?

Mike Rother, University of Michigan, USA

11.15 - 11.45

Coffee Break

11.45 - 13.15

Keynote Lectures (continued)

Shaping the Future by Adding Value: Which new Manufacturing Technologies can face the Future?

Fritz Klocke

Resource Efficiency, Sustainability and Global Supply Chains: Global Market and Supply Chain Challenges

David Simchi-Levi, Massachusetts Institute of Technology, USA

13.15 - 14.30

Lunch Break

14.30 - 16.00

Workshop 8.1

Organization in Production

16.00 - 16.30

Coffee Break

16.30 - 18.00

Workshop 8.2

New Manufacturing Technologies

18.00 - 18.30

Coffee Break

18.30 - 19.30

Workshop 8.3

Global Market and Supply Chain Challenges

Chair: Stefan Hartung, Bosch Power Tools, Stuttgart

Session 9 Migration and Integration: Global Tensions - Local Responses

Scientific Advisors: Klaus J. Bade, Michael Bommers

Essen, November 5, 2010

- 10.15 - 10.30** **Opening**
Klaus J. Bade, Sachverständigenrat deutscher Stiftungen für Integration und Migration, Berlin
- 10.30 - 11.15** **Keynote Lecture**

Migration and Transnationalism in a Global Perspective
Steven Vertovec, Max-Planck-Institute for the Study of Religious and Ethnic Diversity, Göttingen
- 11.15 - 11.45** **Coffee Break**
- 11.45 - 13.15** **Workshop 9.1**
Rural-Urban Migrations in Mega Cities and 'Mega-Slums'

Urban Networks and Societal Transitions in Mega-Cities
Peter Taylor, Loughborough University, UK

Informal Migrant Communities and Social Change in China
Bettina Gransow, Freie Universität Berlin
- 13.15 - 14.30** **Lunch Break**
- 14.30 - 16.00** **Workshop 9.2**
Networks, Migration, and Development

Networks, Social Change and Ethnic Boundaries
Andreas Wimmer, University of California, Los Angeles, USA
- 16.00 - 16.30** **Coffee Break**
- 16.30 - 18.00** **Workshop 9.3**
Migration of Highly Qualified Persons and the Globalisation of Education Systems

The Attraction of Students and the Canadian Immigration Policy
Arthur Sweetman, Queen's University, Kingston, Canada

Student Mobility and the Internationalisation of University Education Systems
Karine Tremblay, Organisation for Economic Co-operation and Development (OECD), Paris, France
- 18.00 - 18.30** **Coffee Break**
- 18.30 - 19.30** **Closing plenary**
Global Migration and World Economy: Experiences and Challenges

Chair: Michael Bommers, Universität Osnabrück

Session 10 Global Health and Molecular Medicine II

Scientific Advisor: Karl Lenhard Rudolph

Essen, November 6, 2010

- 09.00 - 09.15** **Opening**
Karl Lenhard Rudolph, Universität Ulm
- 09.15 - 11.00** **Keynote Lectures**
- Can Human Life Expectancy Rise Dramatically?**
Aubrey De Grey, University of Cambridge, UK
- Development in Human Health and Life Expectancy in Developed and Non-Developed Countries**
Colin D. Mathers, World Health Organization, Geneva, Switzerland
- How do Changes in Human Longevity impact on our Demography**
Leonid Gavrilov and Natalia Gavrilov, University of Chicago, USA
- 11.00 - 11.30** **Coffee Break**
- 11:30 - 12.30** **Keynote Lectures (continued)**
- How do Human Stem Cells Age and How to Interfere**
Thomas A. Rando, Stanford University, USA
- 12.30 - 13.30** **Lunch Break**
- 13:30 - 15:00** **Workshop 10.1**
Molecular Mechanisms of Aging
- Telomeres and Aging**
Elizabeth Blackburn, University of California, San Francisco, USA
- Mitochondria and Aging**
Nils-Göran Larsson, Max-Planck-Institut für Biologie des Alterns, Köln
- 15.00 - 15.30** **Coffee Break**
- 15:30 - 17:00** **Workshop 10.2**
Emerging Therapies
- 17.00 - 17.30** **Coffee Break**
- 17.30 - 18.30** **Closing Plenary**
Increase in Life Expectancy, Health Span: Effects on Health Care Costs and Effects of Social Status
Elsie Pamuk and Harold Lentzner, National Center for Health Statistics, USA

Session 11 Metropolis

Scientific Advisor: Frauke Kraas

Essen, November 6, 2010

09.00 - 09.15	Opening Frauke Kraas, Universität zu Köln	
09.15 - 11.00	Keynote Lectures Expanding Metropolises in Emerging Economics NN Shrinking Cities NN	
11.00 - 11.30	<i>Coffee Break</i>	
11.30 - 12.30	Keynote Lectures (continued) Urban Social Cohesion: Risks and Conflicts NN Urban Governance and Informality NN	
12.30 - 13.30	<i>Lunch Break</i>	
13.30 - 15.00	Workshop 11.1 Expanding Metropolises	Workshop 11.2 Urban Social Cohesion: Risks and Conflicts
15.00 - 15.30	<i>Coffee Break</i>	
15.30 - 17.00	Workshop 11.3 Shrinking Cities	Workshop 11.4 Urban Governance and Informality
17.00 - 17.30	<i>Coffee Break</i>	
17.30 - 18.30	Closing Plenary The Future of Metropolitan Development	

Session 12 Religion and Values

Scientific Advisor: Hans Joas

Essen, November 6, 2010

09.00 - 09.15

Opening

Hans Joas, Max-Weber-Kolleg, Universität Erfurt

09.15 - 11.00

Keynote Lectures

The Globalization of Christianity

Philip Jenkins, Pennsylvania State University, USA

Demography and Religion

Pippa Norris, Harvard University, USA

11.00 - 11.30

Coffee Break

11.30 - 12.30

Keynote Lectures (continued)

Huntington Reconsidered. The Dynamics of Religious and Political Conflicts

Dieter Senghaas, Universität Bremen

12.30 - 13.30

Lunch Break

13.30 - 15.00

Workshop 12.1

The Globalization of Christianity

Chair: Hans Joas, Philip Jenkins

Comment: Cardinal Joseph Zen, Hongkong, PR China

15.00 - 15.30

Coffee Break

15.30 - 17.00

Workshop 12.2

Demography and Religion

Chair: Hans Joas, Pippa Norris

Comment: Daniel Silver, University of Toronto, Canada

17.00 - 17.30

Coffee Break

17.30 - 18.30

Workshop 12.3

The Dynamics of Religious and Political Conflicts

Chair: Hans Joas, Dieter Senghaas

Comment: Ashis Nandy, Centre for the Study of Developing Societies, New Delhi, India