ÖAW

ÖSTERREICHISCHE
AKADEMIE DER
WISSENSCHAFTEN

**05-07 DECEMBER 2016
CAMPUS WU
VIENNA UNIVERSITY OF
ECONOMICS AND BUSINESS
BUILDING LC, CEREMONIAL HALL 1
WELTHANDELSPLATZ 1, 1020 VIENNA**

WITTGENSTEIN CENTRE CONFERENCE 2016

Wittgenstein Centre

VARIATIONS ON THE THEMES OF WOLFGANG LUTZ

International Institute for
Applied Systems Analysis
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WIRTSCHAFTS
UNIVERSITÄT
WIEN VIENNA
UNIVERSITY OF
ECONOMICS
AND BUSINESS

Vienna
Institute of
Demography

PROGRAMME

MONDAY, 05 DECEMBER 2016

13:00–13:30 **Registration**

13:30–14:15 **Opening**

Anton Zeilinger | Austrian Academy of Sciences (ÖAW)
Pavel Kabat | International Institute for Applied Systems Analysis (IIASA)
Stefan Pichler | Vienna University of Economics and Business (WU)
Alexia Fürnkranz-Prskawetz | Wittgenstein Centre
Warren Sanderson | Wittgenstein Centre
Sergei Scherbov | Wittgenstein Centre

14:15–15:45 **Session: Human Capital**
Chair: Bilal Barakat, Wittgenstein Centre

Jesús Crespo Cuaresma | Wittgenstein Centre
Human capital, economic growth and Wolfgang Lutz

Samir KC | Wittgenstein Centre and Shanghai University
Population dynamics in light of education

Mohammad Jalal Abbasi-Shavazi | University of Tehran, National Institute of Population Research and Australian National University (ANU)
Population dynamics and human capital in Moslem countries

15:45–16:15 COFFEE BREAK

16:15–17:15 **Marc Luy** | Wittgenstein Centre
How human capital drives life expectancy: a demographic analysis

Phil Rees | University of Leeds
Richard Stone and Wolfgang Lutz, 60 years apart: key contributors to the study of education and demography

17:15–17:45 **William Butz** | Former President and CEO of the Population Reference Bureau (PRB) in Washington, DC
Are there ‚principles' of demography?

20:00 **Evening Reception at Vienna City Hall**

TUESDAY, 06 DECEMBER 2016

09:00–09:30   **Richard Gisser** | Wittgenstein Centre
Wolfgang Lutz and Demography of Austria

09:30–11:00   **Session: Fertility and Family Dynamics**
Chair: Isabella Buber-Ennser, Wittgenstein Centre

Tomáš Sobotka | Wittgenstein Centre
How low can optimal fertility be? Estimates accounting for migration

Francesco Billari | University of Oxford
A great divergence in fertility?

Maria Rita Testa and **Fabian Stephany** | Wittgenstein Centre
The ability to meet fertility goals: a cross-country European analysis

11:00–11:30   COFFEE BREAK

11:30–12:30   **Session: Ageing**
Chair: Michael Kuhn, Wittgenstein Centre

Warren Sanderson and **Sergei Scherbov** | Wittgenstein Centre
What is your age at age 60?

Alexia Fürnkranz-Prskawetz and **Bernhard Hammer** | Wittgenstein Centre
National transfer accounts by education

12:30–14:00   LUNCH BREAK

14:00–15:00   **Graziella Caselli** | Sapienza University
Actuarial fairness and social inequality

Gustav Feichtinger | Wittgenstein Centre
How many old people have ever lived on earth?

15:00–15:30   COFFEE BREAK

15:30–17:30   **Session: Multiregional/Multistate Projections**
Chair: Sergei Scherbov, Wittgenstein Centre

James Raymer | Australian National University (ANU)
*Multiregional projections of Australia's indigenous population
with identification status change*

Joel Cohen | The Rockefeller University
*The use of Taylor's law to evaluate alternative multiregional
population projections ex ante*

Anne Goujon | Wittgenstein Centre
What haven't we projected?

Aris Ananta and **Evi Nurvidya Arifin** | University of Indonesia
Age structure transition in Asia

WEDNESDAY, 07 DECEMBER 2016

09:00–10:30 **Session: (Probabilistic) Projections**
Chair: Dalkhat Ediev, Wittgenstein Centre

Nico Keilman | University of Oslo (UiO)
Probabilistic demographic projections

Alexander Hanika | Statistics Austria
Cooperations between Statistics Austria and VID in the field of demographic projections

Frans Willekens | Netherlands Interdisciplinary Demographic Institute (NIDI)
Reflections on international migration forecasting

10:30–11:00 COFFEE BREAK

11:00–12:30 **Session: Population, Development and Environment**
Chair: Anne Goujon, Wittgenstein Centre

Brian O'Neill | National Center for Atmospheric Research (NCAR)
Population and climate change revisited

Leiwen Jiang | National Center for Atmospheric Research (NCAR) and Shanghai University
Population growth, urbanization and future wildfire risks

Raya Muttarak | Wittgenstein Centre
Wolfgang Lutz and a long walk to population and global environmental change research

12:30 **Closing**

THE WITTGENSTEIN CENTRE

The Centre is a collaboration among the World Population Program of the International Institute for Applied Systems Analysis (IIASA), the Vienna Institute of Demography of the Austrian Academy of Sciences (VID/ÖAW), the Demography Group and the Research Institute on Human Capital and Development of the Vienna University of Economics and Business (WU). In late 2010, a letter of understanding was signed by these three pillar institutions defining the terms for this collaboration under a common roof.

The Centre combines the partners' strengths in the fields of demography, human capital formation and analysis of the returns to education. It builds on a highly successful collaboration that has already generated significant scientific advances. "Human capital" refers to the human resource base in terms of the number of people and their changing structure by age, gender, location, education, health status, cognitive skills and other relevant characteristics. Our intent is to provide a sound scientific foundation for decision-making at various levels. Scientific advice and guidance are ensured by its International Scientific Advisory Board.

OUR MISSION

The Wittgenstein Centre aspires to be a world leader in the advancement of demographic methods and their application to the analysis of human capital and population dynamics. In assessing the effects of these forces on long-term human well-being, we combine scientific excellence in a multidisciplinary context with relevance to a global audience.

WOLFGANG LUTZ

Wolfgang Lutz is Founding Director of the Wittgenstein Centre for Demography and Global Human Capital. He joined IIASA in October 1985, where he is Program Director of the World Population (POP) Program. Since 2002 he is also Director of VID and since 2008, Full Professor of Applied Statistics (part time) at WU. He is also Professorial Research Fellow at the Oxford Martin School for 21st Century Studies.

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