program of the
Symposium on Digital Demography
October 17-18, 2018

Day 1 – Wednesday, October 17, 2018

8:45 am	Registration

9-9:30 am   **Welcome & Introduction**
Emilio Zagheni, MPIDR

9:30-10:30 am   **Digital Health** (Chair: André Grow, MPIDR)
Ciro Cattuto, ISI Foundation, Torino, Italy
- *High-Resolution Human Mobility: from Face-to-Face Interactions to the Urban Scale*

Yelena Mejova, ISI Foundation, Torino, Italy
- *Capturing Social Media Signals for Health Research*

10:30-11 am   Coffee Break

11-12:30 pm   **Digitalization of life and its implications** (Chair: Daniela Negraia, MPIDR)
Eszter Hargittai, University of Zurich, Switzerland
- *Who is Missing on Social Media? Potential Biases of Big Data.*

Valeria Bordone, University of Munich (LMU), Germany
- *Internet use is linked to slower decline in cognitive functioning: Evidence from the health and retirement study*

Francesco Billari, Bocconi University, Milan, Italy
- *Family and fertility in a digital world*

12:30-1:30 pm   Lunch Break

1:30-3:00 pm   **Digital Trace data around the world** (Chair: Samin Aref, MPIDR)
Ingmar Weber, Qatar Computing Research Institute, Doha, Qatar
- *What Online Advertising Data Reveals about People and Societies*

Daniel Alexandrov, Higher School of Economics, St. Petersburg, Russia
- *Studying migration in Eurasia with social media data*

Jixuan (Cody) Cai, The Chinese University of Hong Kong, China
- *Using Tencent Location Big Data for population estimation in China*

3:00-3:30 pm   Coffee Break

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3:30-5:00 pm   **Migration and mobility in the digital age** (Chair: Diego Alburez, MPIDR)

Monica Alexander, University of Toronto, Canada

o *Combining Facebook and traditional survey data to predict migrant stocks in the United States*

Arkadiusz Wiśniowski, The University of Manchester, UK

o *Combining traditional and new data sources to estimate international migration*

Alessandro Sorichetta, University of Southampton, UK

o *Modelling Subnational Migration Flows within and between Countries*

5:15-6:00 pm   **Lightning talks** (Chair: Emilio Zagheni, MPIDR)

Francesco Rampazzo, University of Southampton, UK and MPIDR

o *European Migration to the United Kingdom through Facebook's Advertising Platform Data*

Samin Aref, MPIDR

o *The enemy of an enemy is a friend*

Diego Alburez-Gutierrez, MPIDR

o *A new method for reconstructing demographic populations after armed conflicts using genealogies*

André Grow, MPIDR

o *The Income Cliff in Households: Insights from Agent-Based Computational Modelling.*

Daniela Veronica Negraia, MPIDR

o *The Role of Education in the Emotional Wellbeing of Parents and Other-Adults (co-authored with Dr. Jennifer March Augustine)*

Peter Eibich, MPIDR

o *Does retirement affect secondary preventive care use? Evidence from breast cancer screening*

Robert Stelter, MPIDR

o *Study Scholars! – What can be learned from them*

Julian Schmied, MPIDR

o *How prepared are vulnerable populations for retirement in the United States? Quantifying saving adequacy standards based on subjective economic well-being*

Angelo Lorenti, MPIDR

o *Working Life Expectancy: An Indicator to Summarize Complex Working Trajectories.*

Alyson van Raalte, MPIDR

o *Where is lifespan inequality increasing and why does this matter?*

Rosemary Joan Seaman, MPIDR

o *Variation in age at hospital admission for an ageing population*

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Christina Bohk-Ewald, MPIDR
- o *Velocity of changes in health throughout life*

Rainer Walke, MPIDR
- o *Find similar data sets fast using minHash*

Jonas Schöley, Syddansk Universitet, Max-Planck Odense Center, Denmark
- o *Mapping Europe's Demographic Diversity*

6:15 pm   Dinner at MPIDR

7:00 pm   poster session by MPIDR researchers

Day 2 – Thursday, October 18, 2018

9-10:30 am   Migration, mobility and development (Chair: Emilio Zagheni, MPIDR)
Thomas Soehl, McGill University, Quebec, Canada
- o *Twitter Data and Global Human Mobility*

Matthew Hall, Cornell University, New York, USA
- o *Immigrant Deportations in the U.S. and Latino Segregation*

Ridhi Kashyap, Nuffield College, Oxford, UK
- o *Measuring global gender inequality indicators using large-scale online advertising data*

10:30-11 am   Coffee Break

11 am-12:30 pm Data and Policy Challenges (Chair: Dmitri Jdanov, MPIDR)
Michele Vespe, European Commission, Ispra, Italy and Marzia Rango, IOM's Global Migration Data Analysis Centre, Berlin, Germany
- o *A changing migration data landscape? The promises and challenges of new data sources.*

Daniela Vono de Vilhena, Population Europe, Berlin, Germany
- o *Evidence-based policymaking on irregular migration. Is it possible?*

12:30-1:30 pm   Lunch Break

**1:30-3:30 pm   Unconference: Developing Collaborations and Next Steps
(this session is for presenters and invited guests only – room 005)**