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Imperial College
London

Jameel
Institute

The Workshop on the Economics of Pandemic Preparedness

Hotel J, Stockholm, 2-3 June 2025

June 2

8:50-9:00 Katharina Hauck, Imperial College London, *Welcome*

9:00-10:00 Victoria Ogden, MBE, HM Treasury, *The application of epidemiological and economic modelling to support policy development.*

10:00-10:10 Coffee

10:10-10:30 Christian Morgenstern, Imperial College, *Socioeconomic and temporal heterogeneity in SARS-CoV-2 exposure and disease in England from May 2020 to February 2023*

10:30-10:40 Discussion: Rob Johnson

10:40-11:00 Nicole Goh, National Centre for Infectious Diseases, Singapore, *Inequalities in Mental Health: Age-related Trends Across Pandemic Phases in Singapore*

11:00-11:10 Discussion: Bernardo Andretti

11:10-11:30 Anh Pham, Imperial College, *The Impact of Malaria on Total Factor Productivity in Low- and Middle-Income Countries between 2000 and 2019*

11:40-11:40 Discussion: Erik Wengström

11:40-12:00 Gabrielle Bonnet, London School of Hygiene and Tropical Medicine, *Joint epidemiological and macroeconomic models of human disease – a systematic review*

12:00-12:10 Discussion: Christian Morgenstern

12:10-12:30 Gemma Nedjati-Gilani, Imperial College, *What is the 5 year cost-effectiveness of a one-time, preventative vaccination campaign of healthcare workers and front line workers against Ebola Virus Disease?*

12:30-12:40 Discussion: Gabrielle Bonnet

12:40-13:40 Lunch

13:40-14:00 Guillaume Morel, Umea University, *Essential, non-essential, and the economics of outbreaks: a two-sector new-Keynesian approach*

14:00-14:10 Discussion: Haokun Pang

14:10-14:30 Bilal Sali, University of Oslo, *Econometric modelling of public health and the economy: COVID-19 in Norway*

14:30-14:40 Discussion: Patrick Doohan

14:40-15:00 Haokun Pang, Imperial College, *Health and Economic Inequality During Pandemics*

14:00-14:15 Discussion: Anh Pham

15:10-15:30 David Haw, University of Liverpool, *Modeling Epidemics with Behavioural Heterogeneity*

15:30-15:40 Discussion: Aditya Goenka



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15:40-16:00 Break, Coffee

16:00-16:20 Pablo N Perez-Guzman, Imperial College, *Optimal cost-effectiveness of implementing CEPI's 100-day mission under epidemiological uncertainty in low-income settings: a health economic modelling study of COVID-19 in Kabwe, Zambia*

16:20-16:30 Discussion: Francesco De Pretis

16:30-16:50 Erik Wengström, Lund University, *Incentives to Vaccinate*

16:50-17:00 Discussion: Gemma Nedjati-Gilani

17:00-17:20 Kanchan Parchani, Imperial College, *Assessing the health and economic contributions of migrant workers in Singapore during the COVID-19 pandemic: an integrated epidemiological-economic modelling based analysis*

17:20-17:30 Discussion: Matteo Pianella

19:00 Dinner

June 3

9:00-10:00 Professor Raouf Boucekkine, Aix-Marseille Université, *Epidemics, mental health and public trust*

10:00-10:30 Break, Coffee

10:30-10:50 Aditya Goenka, University of Birmingham, *Labour markets during pandemics*

10:50-11:00 Discussion: Guillaume Morel

11:00-11:20 Francesco De Pretis, University of Modena and Reggio Emilia, *A pandemic-prepared pharmaceutical industry: Uncertainty and incentives for innovation.*

11:10-11:30 Discussion: Pablo N Perez-Guzman

11:30-11:50 Rob Johnson, Imperial College, *Towards an epidemic and stock-flow consistent integrated model*

11:50-12:00 Discussion: Amund Arthur Hanson Kordt

12:00-13:00 Lunch

13:00-13:20 Patrick Doohan, Imperial College, *Mitigating Future Respiratory Pandemics: Modelling the Health, Economic and Educational Losses of Alternative Mitigation Strategies in Different Income Groups*

13:20-13:30 Discussion: Alex Yap

13:30-13:50 Seunghyun Hong, Imperial College, *The 20-Year Impact of Pandemics on Households: Local Projections for Six European Countries Since 1870*

13:50-14:00 Discussion: Bilal Sali

14:00 Katharina Hauck, Imperial College London, *Closure*

14:00-14:35 Further Discussion

14:35-15:00 Coffee