

ONLINE WORKSHOP

9th-10th December 2020

Graz Schumpeter Centre

via WebEx

Informationen & Zugangslink:

<https://schumpeter.centre.uni-graz.at/de/veranstaltungen>



GRAZSCHUMPETERCENTRE

Modelling the spread and impact of the coronavirus

Wednesday 9th of December

Welcome and insights from economic ABMs

Time: 9:00-12:00 CET / 17:00-20:00 JST / 0:00-3:00 PT

Hiroyasu Inoue (University of Hyogo):

The propagation of the economic impact through supply chains: The case of a mega-city lockdown against the spread of COVID-19

Michael Miess (Institute for Advanced Studies, WU, IIASA, Vienna):

Assessing the economic impacts of COVID-19 with an empirically estimated agent-based model for Austria

Mauro Napoletano (University of Côte d'Azur):

Lockdown, sectoral and regional dynamics

Coupled Economic-Epidemiological ABMs

Time: 14:00-17:00 CET / 22:00-1:00 JST / 5:00-8:00 PT

Patrick Mellacher (University of Graz):

COVID-Town: An Integrated Economic-Epidemiological Agent-Based Model

Jasper Hepp (University of Bielefeld):

Economic and epidemic implications of virus containment policies: insights from agent-based simulations

Loïs Vanhée (Umeå University):

ASSOCC Agent-based Social Simulation for the COVID-19 Crisis

Thursday 10th of December

Epidemiological ABMs

Time: 9:00-12:00 CET; 17:00-20:00 JST; 0:00-3:00 PT

Asako Chiba (Tokyo Foundation for Policy Research):

Modeling the effects of contact-tracing apps on the spread of the coronavirus disease: mechanisms, conditions, and efficiency

Gudrun Wallentin (University of Salzburg):

COVID-19 Intervention Scenarios for a Long-term Disease Management

Niki Popper (dwh, TU Vienna):

TTI and Vaccination - Agent based Decision Support in the COVID-19 Crisis

Mitigation or Suppression? SIR models

Time: 14:00-16:00 CET; 22:00-0:00 JST; 5:00-7:00 PT

Christian Neuwirth (University of Salzburg):

Investigating duration and intensity of Covid-19 social-distancing strategies

Liyan Shi (Einaudi Institute for Economics and Finance, Rome):

Optimal COVID-19 Quarantine and Testing Policies

Mitigation or Suppression? ABMs

Time: 16:30-18:30 CET; 0:30-02:30 JST; 7:30-9:30 PT

Ben Vermeulen/Andreas Pyka (University of Hohenheim):

Suppression and mitigation of the COVID-19 pandemic: an agent-based policy laboratory for social network interventions in a metropolitan region

Dina Mistry (Institute for Disease Modeling, Seattle):

Controlling COVID-19 via test-trace-quarantine



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