

Mathematical modeling for transmission and control of infectious disease

Wednesday June 23, 2021, 1:30pm-3:30pm

1:30-2:00 Adriana-Stefania Ciupeanu

University of Manitoba

Bayesian Inference and COVID-19

2:00-2:30 Arma Khan

York University

Numerically modelling respiratory aerosol transport in indoor spaces, considering the implications of HVAC systems

2:30-3:00 Maria M. Martignoni

Memorial University

Optimal public health responses to COVID-19 differ in high and low importation regions

3:00-3:30 Yi Tan

York University

Measuring the effect of behavior change during COVID-19 outbreak: Canada a case study



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CAIMS21

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Thursday June 24, 2021, 11:00am-1:00pm

11:00-11:30 David W. Dick

York University

Modelling the impact of viral traps on HIV-1 and SARS-CoV-2 infection

11:30-12:00 Lauren Clara Browning McKenzie

University of Ottawa

The effects of adherence to antiretroviral therapy for HIV-1 infection

12:00-12:30 Donglin Han

University of Alberta

Age group model construction for COVID-19 transmission with vaccination

12:30-1:00 Qun Cheng

University of Alberta

Modelling the COVID-19 epidemic and interventions during the first wave in Alberta



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