CAIMS21

Mathematical Modelling of COVID-19 Transmission and Mitigation Strategies: Efforts to End the Pandemic

11:00-11:30 **Bruce Mellado**
University of the Witwatersrand
Modelling the COVID-19 pandemic in South Africa: the role of AI

11:30-12:00 **Ngwa Gideon**
University of Buea
A model that incorporates non-pharmaceutical interventions, human behavioural characteristics and vaccination to investigate the long term dynamics of SARS-CoV-2 virus disease in a variable human population

12:00-12:30 **Jesse Knight**
University of Toronto
Time between infections versus time between symptom onset in COVID-19: implications for estimating the reproduction number

12:30-12:45 **Farrukh Chishtie**
University of Western Ontario
Some Mathematical Models of COVID-19 Transmission and the Role of Protective Measures

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3:00-3:30 **Xiaoying Wang**
Trent University
Studying social awareness of physical distancing in mitigating COVID-19 transmission

3:30-4:00 **Lauren Childs**
Virginia Tech
Modeling mitigation strategies to contain COVID-19

4:00-4:30 **Matt Betti**
Mount Allison University
Combining data forecasting with scenario-based modeling for insights into a rapidly changing outbreak situation

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