

Canadian Association of Physicists

Association canadienne des physiciens et physiciens

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Mathematical Modelling of COVID-19

Monday 6 June 2022 08:45 (45 minutes)

COVID-19 has plagued the globe. Mathematical models have been used to inform public health decision makers various global regions. In Canada, non-pharmaceutical intervention and vaccination programming were informed by modelling forecasts. In this talk we will review COVID-19 in Canada. We will then introduce mathematical models that have been used during the pandemic. Mathematical models of immunity will be presented, which quantify immunity protection by Canadian region.

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