Contribution ID: **3025**   Type: **Plenary Speaker / Conférencier(ère) plénier(ère)**

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.

Primary author: HEFFERNAN, Jane (York University Department of Mathematics and Statistics)

Presenter: HEFFERNAN, Jane (York University Department of Mathematics and Statistics)

Session Classification: M-PLEN1 - Plenary Session | Session plénière - Jane Heffernan

Track Classification: Herzberg Public and Plenary Talks / Conférenciers des sessions Herzberg et plénières