



Seminar

Mathematical Physics

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A Random Matrix Perspective on Disease Modelling

A very central part of disease modelling is the amount of interaction between different agents, usually contained in the so-called contact matrix. Unfortunately, this is a very difficult object to estimate from data, and understanding the statistics of it is therefore interesting.

I will present some recent result on what can be observed and how it affects modelling of diseases. I would especially like to discuss aspects that random matrix theory may help answer. This will be a very informal talk, and everyone is welcome, regardless of background.

Monday, 2nd October 2023, 11:00 hrs CEST

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