

PDEs in Mathematical Biology Workshop

24 June 2021

This workshop will bring together mathematical biologists who are interested in working with PDE models on a range of applied problems. The program will provide plenty of room for discussion, and we will use zoom in the regular format so that participants can directly interact with speakers. We thank the Australian Mathematical Sciences Institute (AMSI) for their support.

Draft Program (all times AEST)

- 9.45-10.00am: Opening and welcome, Tim Marchant, Director of AMSI
- 10.00-10.45am: Mike Plank, University of Canterbury. Spatial moment models for structured populations.
- 10.45-11.30am: Jen Flegg, University of Melbourne. PDE models of non-healing wounds and their treatments,
- 11.30-12.15pm: Scott McCue, Queensland University of Technology, Old and new solutions to the Fisher-KPP model.
- 12.15-1.00pm: Bronwyn Hajek, University of South Australia. Analytical solutions: Can we find them? Are they useful?
- 1.00pm: Closing comments

Each presentation will last approximately 25-30 minutes with 15-20 minutes for discussion. We thank AMSI for sponsoring and promoting this event.