

AMSI WINTER SCHOOL 16

ON BIOLOGICAL & ENVIRONMENTAL MODELLING

4-15 JULY | THE UNIVERSITY OF QUEENSLAND

$$\frac{\partial p}{\partial t} = f(x) + \alpha \frac{\partial^2 p}{\partial x^2}$$

In the twenty-first century, modelling is a crucial research tool for studying complex phenomena and processes.

Our impressive line-up of speakers will build your knowledge of models, algorithms, theoretical analysis tools and topical applications, from molecular biology through to ecosystems analysis.

FULL TRAVEL GRANTS AVAILABLE!

OUR "SECOND BRAIN": MODELLING ITS DEVELOPMENT & DISEASE

Kerry A Landman, The University of Melbourne

USING A.I., NETWORKS THEORY & BUTCHERS PAPERS TO CONSERVE SPECIES

Eve McDonald-Madden, The University of Queensland

THE MATHEMATICAL MODELLING OF CHEMOTAXIS

Graeme Pettet, Queensland University of Technology

MATHEMATICAL APPROACHES TO CONSERVATION BIOLOGY

Hugh Possingham, The University of Queensland

THE DYNAMICS OF CALCIUM: THE INTERACTION OF MODELLING & EXPERIMENTS

James Sneyd, The University of Auckland

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