Theme Areas include:

- physiological and medical modelling including cancer, diabetes, wound healing, inflammation, cardiovascular disease, tissue engineering and cellular signalling;
- epidemiology including contact networks, stochastic models and incorporating data in real time;
- ecological modelling, especially where models and data are brought together to address practical problems.

Of particular interest to researchers who use mathematical ideas and mathematical models in areas such as mathematical biology, biomechanics, computational biology, biophysics, systems biology and quantitative life and medical sciences.

Invited Speakers:
- Jennifer Flegg (University of Melbourne)
- Jane Heffernan (York University, Toronto)
- Yoh Iwasa (Kyushu University), Akira Okubo prize winner
- Alex James (University of Canterbury, New Zealand)
- Toshiyuki Nakagaki (Hokkaido University)
- Hugh Possingham (University of Queensland)
- Tiina Roose (University of Southampton)
- Melissa Knothe Tate (UNSW Sydney)

Conference Events:
- Targeted Minisymposia, Broad range of contributed papers, Poster and Discussion Evening, Prize Talks, Women in Mathematics Lunch, Mentoring Lunch, Conference Banquet at the edge of Sydney Harbour

Key Dates:
- Minisymposia Proposals - 12 February 2018
- Abstracts for Talks & Posters - 26 March 2018