

University of Birmingham Graduate School

Series in Computational Approaches to Biological Research

Open to all PhD students in all schools at the University of Birmingham, these workshops provide an introduction to computer modelling in a number of areas of biology. Students working in mathematical / computational biology are highly recommended to attend as many of these sessions as possible!

All sessions will be held at 2pm in the locations described.

Date	Topic	Room	Lecturers
Tue 3rd June	Momentum transfer in the small intestine	Biosciences Tower 822	Serafim Bakalis
Wed 18th June	Computational fluid mechanics in biology	Learning Centre UG06	Steve Decent and Dave Smith
Tue 24th June	Evolution, development and modelling of architectures for intelligent organisms and robots	Biosciences Tower 822	Aaron Sloman
Tue 1st July	Evolutionary computation and artificial life	Biosciences Tower 822	Jon Rowe
Wed 2nd July	Modelling the brain	Biosciences Tower 822	Dietmar Heinke
Tue 8th July	Iterative methods for large systems of equations	Learning Centre UG06	Daniel Loghin
Thu 10th July	Stochastic models in molecular and population biology	Biosciences Tower 822	Dov Stekel