



# 2018 Annual Meeting of the Society for Mathematical Biology & the Japanese Society for Mathematical Biology

## Monday 09 July 2018

**From solitary swimmers to coordinated groups: Modelling motion in fluids at very low Reynolds number: Part A - New Law School--106 (10:30-12:00)**

**-Conveners: Julia Samson**

time	[id] title	presenter
10:30	[108] Understanding pattern formation in interacting cell populations	GREEN, Edward
11:00	[298] Flagellar swimming in viscoelastic fluids	GUY, Robert
11:30	[197] Chemotaxis Modelling for Sperm Motility	LAGRONE, John

**From solitary swimmers to coordinated groups: Modelling motion in fluids at very low Reynolds number: Part B - New Law School--106 (16:00-17:00)**

**-Conveners: Julia Samson**

time	[id] title	presenter
16:00	[101] Fast algorithms for the dense matrices arising from the Method of Regularized Stokeslets	ROSTAMI, Minghao
16:30	[275] Exploring the fluid dynamics of collective pulsing behaviour in xeniid corals using the immersed boundary method	SAMSON, Julia