

Parallel Session 14

Thursday, July 5, 13:30PM-15:30PM

Contributed Session 04	Modelling and Math Biology Chair(s): Wei Feng and Michael Cowen	Location GRC-H
13:30-13:50	Henry Shum (University of Pittsburgh, USA) Modelling the effects of flagellar hook compliance on bacterial motility	Abstracts p. 320
13:50-14:10	New time: Thursday, 9:40 - 10:00 Dane Taylor (University of Colorado, USA) Complex macroscopic behavior in systems of phase oscillators with adaptive coupling	Abstracts p. 321
13:50-14:10	Michael Cowen (University of North Carolina Wilmington, USA) The Stability Analysis and Impact of Predator Mortality Rate on Age-structured Models	Abstracts p. 317
14:10-14:30	Theodore E Galanthay (University of Colorado, Boulder, USA) Dynamics of evolution in two-patch ecological models	Abstracts p. 318
14:30-14:50	Olawale S Obabiyi (University of Ibadan, Nigeria) A Note on Age-character-Dependent Model in Population dynamics	Abstracts p. 319
14:50-15:10	Ulrich Parlitz (Max Planck Institute for Dynamics and Self-Organization, Germany) State and parameter estimation for nonlinear models	Abstracts p. 319
15:10-15:30	Laurent Pujo-Menjouet (University of Lyon, France) How interactions between mathematicians and biologists lead to new hypothesis on prion formation	Abstracts p. 319