Parallel Session 13   Thursday, July 5, 08:00AM-10:00AM

Contributed Session **04**	**Modelling and Math Biology** Chair(s): Wei Feng and Michael Cowen	Location **GRC-H**
8:00-8:20	Guillermo Abramson (Instituto Balseiro - Centro Atomico Bariloche, Argentina) Oscillations in epidemic models: The role of infection and recovery times	Abstracts p. 317
8:20-8:40	Adam Stinchcombe (Courant Institute, NYU, USA) The Randomness of Gene Expression	Abstracts p. 320
8:40-9:00	Christopher Strickland (Colorado State University, USA) Modeling the Nonlocal Dispersal of Invasive Plant Species in Heterogeneous Landscapes	Abstracts p. 321
9:00-9:20	Stanca Ciupe (Virginia Tech, USA) Can activation of latently infected cells reduce the size of the HIV reservoir?	Abstracts p. 317
9:20-9:40	Alexandra Jilkine (University of Arizona, USA) Mathematical Model for Mutation Acquisition in Tumorigenesis	Abstracts p. 318
9:40-10:00	**New time: Thursday, 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
9:40-10:00	Dane Taylor (University of Colorado, USA) Complex macroscopic behavior in systems of phase oscillators with adaptive coupling	Abstracts p. 321