

INTERNATIONAL CONFERENCE ON MATHEMATICAL AND THEORETICAL BIOLOGY

Dates: January 23-27, 2012

Venue: VITS Hotel, Pune, INDIA

Minisymposia Programme

FRIDAY, JANUARY 27, 2012 (9:00-12:00)		
MODEL DEVELOPMENT, PARAMETER ESTIMATION AND VALIDATION		(Room I)
Organiser: Sandip Banerjee (Indian Institute of Technology-Roorkee, India), John Banks (University of Washington, Tacoma, USA) & Hien Tran (North Carolina State University, USA)		
9:00 - 9:45	Franz Kappel	<i>Subset selection in parameter estimation</i>
9:45 - 10:30	Azmy S. Ackleh	<i>Fitting a structured juvenile-adult population model for green tree to field data</i>
<i>TEA BREAK</i>		
10:50 - 11:35	John Banks	<i>The use of surrogate species in risk assessment: incorporating life history data into matrix models in order to avoid false negatives</i>
11:35 - 12:00	Sandip Banerjee	<i>Sensitivity analysis and parameter estimation of a mathematical model of tumor immune system considering the role of antibodies</i>