












Mathematical Biology Workshop

International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2016)

May 26, 2016

Program

Organizer/Moderator: Dr. Naveen K. Vaidya

- 9:30am Opening Remarks
- 9:40 – 10:55am *Current situation of diseases in Nepal*
-  Vector-borne Diseases – Dr. Bijay Bajracharya, Nepal (25 mins)
 -  Environmental Health – Dr. Sanjay Nath Khanal, Nepal (25 mins)
 -  Cancer – Dr. Bishnu Paudel, Nepal (25 mins)
- 10:55 – 11:20am *Mathematical Biology Research in Nepal*
-  Dr. Dil Bahadur Gurung, Nepal (25 mins)
- 11:20 – 12:00 noon *Overview of advances on Mathematical Biology Research and Education*
-  Between Host Modeling – Dr. Robert Smith?, Canada (40 mins)
- 12:00 – 1:00pm ===== LUNCH BREAK
- =====
- 1:00 – 2:20pm *Overview of advances on Mathematical Biology Research and Education (Continued)*
-  Within-host Modeling – Dr. Stanca Ciupe, USA (40 mins)
 -  Mathematical Biology Education – Dr. Elissa Schwartz, USA (40 mins)
- 2:20 – 2:30pm BREAK
- 2:30 – 3:30pm *Panel Discussion: Connecting Mathematical Biology to Nepal and Developing Countries*
- Panelists:
-  Dr. Lindi Wahl, Canada
 -  Dr. Yeng-Hen Hsieh, Taiwan
 -  Dr. Narendra Dixit, India
 -  Dr. Jane Heffernan, Canada
- 3:30 – 3:45pm Questions – Answers Period
- 3:45 – 3:50pm Concluding Remarks

Thank You!