

Workshop on BioMathematics and Partial Differential Equations

Program (December 13, 2002) All lectures are in room M210

09:00 – 09:10 Opening (M210)

Chairman Jong-Shenq Guo (National Taiwan Normal University)

09:10 – 10:00 Avner Friedman (Ohio State University)
A Free Boundary Problem Modeling Tumor Growth

10:00 – 10:30 Tea Break (M106)

Chairman Sze-Bi Hsu (National Tsing Hua University)

10:30 – 11:10 Kuang-Ho Chen (National Taiwan University)
Threshold Periodic Bio-dynamics with Bernoulli Diffusion of
A Couple of Paired Conjugate Endocrines - Hormone Change
Free from Diffusion Location

11:20 – 12:00 Masayasu Mimura (Hiroshima University)
Self-organized Patterns in Biological Systems

12:00 – 14:00 Lunch (M106)

Chairman Kuang-Ho Chen (National Taiwan University)

14:00 – 14:40 Sze-Bi Hsu (National Tsing Hua University)
Mathematical Models of Competition with an Inhibitor

14:50 – 15:30 Kuan-Tsae Huang (Taskco Corporation)
Algorithmic Methods in Bioinformatics

15:30 – 16:00 Tea Break (M106)

Chairman Chiun-Chuan Chen (National Taiwan University)

16:00 – 16:40 Philippe Souplet (Universite de Versailles)
Universal Bounds for Global Solutions of Superlinear Parabolic
Problems

16:50 – 17:30 Jenn-Nan Wang (National Taiwan University)
Detecting Inclusion or Cavity in An Inhomogeneous Transversely
Isotropic Medium

WWW : <http://math.ntnu.edu.tw/~jsguo/PDE/PDE.HTM>