



MIMS/CMMA



One Day Seminar on Mathematical Biology

Nakano Campus, Meiji University
February 2, 2015
3F 304

Speakers:

Danielle Hilhorst, Shuji Ishihara, Shingo Iwami, Kosuke Kuto, Chih-Wen Shih

Program:

- 10:30-11:20 Shingo Iwami (Kyusyu University)**
Evolution of seasonal influenza virus in a strain space:
Hybrid dynamical system approach
- 11:30-12:20 Chih-Wen Shih (National Chiao Tung University, Taiwan)**
Mathematical models and analysis on
segmentation clock genes in zebrafish
- 14:00-14:50 Shuji Ishihara (Meiji University)**
How cells can detect directionality in dynamic signal field?
- 15:00-15:50 Kosuke Kuto (University of Electro-Communications)**
Global bifurcation structure on a shadow system for
the Lotka-Volterra competition model with cross-diffusion
- 16:20-17:10 Danielle Hilhorst (CNRS, Université Paris-Sud, France)**
On a time evolution problem for *E-coli* colonies

Organizers:

Masayasu Mimura and Toshiyuki Ogawa (MIMS/CMMA)

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