

MIPH2014 Conference Schedule

May 7, 2014

From	To	All approved participants will have meals for free at the dinning hall of Jiayuan hotel	
08:00 AM	06:00 PM	Check In	
12:00 PM	01:00 PM	Lunch	
06:00 PM	07:00 PM	Supper	Dinning hall of Jiayuan hotel

May 8, 2014

From	To	Lecture hall on the first floor of Shiing-Shen Building(all speeches), all approved participants will have meals for free at the dinning hall of Jiayuan hotel		
08:00 AM - 09:00 AM		Breakfast		
09:00 AM	09:20 AM	Opening ceremony	Yiming Shao , Micheal Li, Katya Richardson	Chaired by: JishouRuan
09:20 AM - 09:40 AM		Group photo/Coffee Break		
09:40 AM	10:15 AM	Shigui Ruan	Modeling Transmission Dynamics of Rabies in China	Chaired by Micheal Li
10:15 AM	10:50 AM	Troy Day	The Mathematics of Drug Resistance	
10:50 AM	11:25 AM	Jiming Fang	Test for linearity between continuous confounder and clinical outcome first, run a multivariable regression model second	
11:25 AM	12:00 PM	Lukasz Kurgan	Accurate human structural proteome-wide characterization of protein-drug interactions	
12:00 PM - 01:00 PM		Lunch		
02:00 PM	02:35 PM	Hongbin Guo	Immigration Modeling	Chaired by Jishou Ruan
02:35 PM	03:10 PM	Jacques Bélair	Mathematical Modeling of Mosquito-Borne Diseases	
03:10 PM	03:45 PM	Tao Zhang	Neural Oscillations and Synaptic Plasticity	
03:45 PM - 04:00 PM		Coffee Break		
04:00 PM	04:35 PM	Jishou Ruan	The numerical evidences for answering what is the barrier between human and avian	Chaired by Tory Day

04:35 PM	05:10 PM	Stéphanie Portet	Role of viral mutation on CTL escape
05:10 PM	05:45 PM	Xinchu Fu	Interplay between collective behavior and spreading dynamics on complex networks
06:00 PM	07:00 PM	Supper	

May 9, 2014

From	To	Lecture hall on the first floor of Shiing-Shen Building(all speeches), all approved participants will have meals for free at the dinning hall of Jiayuan hotel		
07:00 AM	08:00 AM	Breakfast		
08:00 AM	08:35 AM	Xianming Pan	Development of HIV genome-based incidence assay	Chaired by Yuhua Ruan
08:35 AM	09:10 AM	Jie Lou	Modeling HIV spreading in MSM in China	
09:10 AM	09:45 AM	Yinggao Zhou	Optimal control of HIV/AIDS with antibody response	
09:45 AM	10:00 AM	Coffee Break		
10:00 AM	10:35 AM	Litao Han	HIV drug resistance and treatment strategy	Chaired by Xingfu Zou
10:35 AM	11:10 AM	Xiaodan Sun	Modeling impact of treatment on HIV infection among MSM	
11:10 AM	11:45 AM	Xi Huo	Modeling of Contact Tracing in Epidemic Populations by Disease Age	
12:00 PM	01:00 PM	Lunch		
02:00 PM	06:00 PM	Tour(visit Tianji)		
06:00 PM	07:00 PM	Supper		

May 10, 2014

From	to	Lecture hall on the first floor of Shiing-Shen Building(all speeches), all approved participants will have meals for free at the dinning hall of Jiayuan hotel		
07:00 AM	08:00 AM	Breakfast		
08:00 AM	08:35 AM	Guiquan Sun	Transmission dynamics of brucellosis in China	Chaired by Yichang Zhou
08:35 AM	09:10 AM	Sanyi Tang	The epidemic models with media impacts	
09:10 AM	09:45 AM	Yanni Xiao	Modeling hospital infections in an intensive care unit	
09:45 AM	10:00 AM	Coffee Break		
10:00 AM	10:35 AM	Zhisheng Shuai	Mathematical modeling of cholera	Chaired by Jane Heffernan
10:35 AM	11:10 AM	Xingfu Zou	Study of impact of vaccinations on disease dynamics by mathematical models	
11:10 AM	11:45 AM	Ning Zhang	Identification of Influenza A/H7N9 virus Infection-Related Human Genes Based on Shortest Paths in a Virus-Human Protein Interaction network	
12:00 PM	01:00 PM	Lunch		
02:00 PM	02:35 PM	Micheal Li	A Few Pitfalls in Parameter Estimation: an HIV Model as an Example	Chaired by Julien Arino
02:35 PM	03:10 PM	James Watmough	A simple in-host treatment model exhibiting sustained immunity	
03:10 PM	03:45 PM	Liang Yu	The perspective for the HIV-1 entry inhibitor Maraviroc	

03:45 PM	04:00 PM	Coffee Break		
04:00 PM	04:35 PM	Jane Heffernan	The Effects of Mass Media in Epidemics	Chaired by Jacques Bélair
04:35 PM	05:10 PM	Huaiping Zhu	Forecasting of culex mosquito abundance, West Nile virus risk and human infection in Ontario, Canada	
05:10 PM	05:45 PM	Katya Richardson	CDM and its Global Link	
06:00 PM	07:00 PM	Banquet		

May 11, 2014

07:00 AM 08:00 AM

Breakfast

08:00 AM 11:20 AM Traffic to China CDC and check into Hotel

11:40 AM 01:00 PM

Lunch at CDC

01:00 PM 01:40 PM Visit the CDC headquarter

China CDC workshop

01:45 PM 02:20 PM

Julien Arino

Mathematical modelling to connect disease surveillance and risk assessment

Chaired by
Ning Wang

02:20 PM 02:55 PM

Yiming Shao

The scientific research providing supports to national AIDS control and Prevention

02:55 PM 03:30 PM

Michael Li

The Role of Mathematical Modeling in Disease Control: HIV Assessment as a Case Study

03:45 PM 04:00 PM

Coffee Break

04:00 PM 05:00 PM

Final discussions

Micheal Li, Jishou Ruan

05:00 PM 05:30 PM

Conclusion

David O'Brien, Yiming Shao

06:00 PM 07:00 PM

Dinner

May 12, 2014

08:00 AM 12:00 PM Morning Tour of Great wall and Ming Tomb

12:00 PM 01:00 PM

Lunch

01:00 PM 06:00 PM Departure or go to Beijing city