

Forum on Scientific and Engineering Computing 2015

June 8-9, Beijing

Full Schedule

Conference Site: Xin Nan Lou ROOM N204

(中国科学院数学与系统科学研究院新南楼 N204 会议室)

Monday 8/6/2015

09:00-09:10 Opening Remarks

09:10-10:10 Chair: Junzhi Cui

09:10-10:10 Arthur J. Olson: Modeling and Interacting with the Molecular Cell

10:10-10:30 **Break**

10:30-11:30 Chair: Aihui Zhou

10:30-11:30 Qing Nie: Stem Cells: From Small Model to Big Data

11:30-14:00 **Lunch**

14:00-17:30 Chair: Linbo Zhang

14:00-15:00 Michael Zhang: Quantitative Modeling of MicroRNA-Mediated Regulation on Competing Endogenous RNAs

15:00-16:00 Yi Xiao: Computational Prediction of RNA Tertiary Structures

16:00-16:30 **Break**

16:30-17:30 Benzhuo Lu: Continuum modeling of charged systems at molecular and nano-scales

18:00-20:00 **Dinner**

Tuesday 9/6/2015

09:00-10:00 Chair: Zhongzhi Bai

09:00-10:00 Luonan Chen: Causality detection and dynamics prediction by high-dimensional short-sequence data (application to biological and medical sciences)