

# International Workshop on Probability Theory and Its Applications

December 12, 2008

Room 101, Bldg 129, SNU, Korea

Sponsored by BK21, Dept. of Math. in SNU and KIAS

## Speakers

Tzoo-Shuh Chiang (Academia Sinica, Taiwan)  
Bara Kim (Korea U, Korea)  
Daehong Kim (Kumamoto U, Japan)  
Yanxia Ren (Peking U, China)  
Renming Song (U of Illinois, USA)  
Toshihiro Uemura (U of Hyogo, Japan)  
Yongjin Wang (Nankai U, China)  
Zongxia Liang (Tsinghua U, China)

## Organizer

Youn-Seo Choi (KIAS)  
Panki Kim (SNU)

## Contact

<http://www.math.snu.ac.kr/~pkim/iwpta.html>

## Schedule

08:50 -	Registration	
09:20 - 10:00	Renming Song	Potential theory of 1-dimensional subordinate Brownian motions with continuous components
10:10 - 10:50	Tzoo-Shuh Chiang	On pathwise uniqueness of stochastic differential equations with Lévy noise
11:00 - 11:40	Yanxia Ren	LlogL condition for superdiffusions and branching diffusions
11:40 - 13:20	Lunch	
13:20 - 14:00	Bara Kim	Fluid Limits for partial stability of Markovian queueing networks
14:10 - 14:50	Yongjin Wang	From Super-Brownian motion to some SPDEs with space-time noises
14:50 - 15:20	Coffee Break	
15:20 - 16:00	Daehong Kim	Limit theorems for multi-dimensional diffusions in random environments
16:10 - 16:50	Toshihiro Uemura	Conservation property of symmetric jump processes
17:00 - 17:40	Zongxia Liang	Optimal Dividend and Financing Policy on Insurance Company
18:00 -	Dinner	