

2019 Spring Probability Workshop

Time May 20 - 22, 2019	Organizers • Chii-Ruey Hwang (Academia Sinica) • Shuenn-Jyi Sheu (NCU&NCCU) • Yuan-Chung Sheu (NCTU) • Shang-Yuan Shiu (NCU)	Sponsors • Institute of Mathematics, Academia Sinica • National Center for Theoretical Sciences • National Central University	Contact  Jill Lin 林思潔 rynnj@math.sinica.edu.tw +886-2-23685999#341
 Venue Institute of Mathematics, Academia Sinica, Taipei, Taiwan			

■ PLENARY SPEAKER



Krishna Athreya
(Iowa State University)
*Limit Theorems For
Regenerative Stochastic
Processes*



Tadahisa Funaki
(Waseda University)
*Sharp Interface Limit For
Stochastic Allen-Cahn
Equations*



Davar Khoshnevisan
(University Of Utah)
*Spatial Ergodicity For
SPDEs Via A Poincare
Inequality*



Takashi Kumagai
(Kyoto University)
*Homogenization Of
Symmetric Stable-Like
Processes In Random Media*



Carl Mueller
(University Of Rochester)
*Exact Asymptotic Speed Of
A Traveling Wave with Large
Noise*

■ INVITED SPEAKER



Lung-Chi Chen
(National Chengchi
University)

*Critical Two-Point Function
For Long-Range Self-
Avoiding Walks With
Power-Law Couplings For
 $D \geq 4$*



Wei-Kuo Chen
(University Of Minnesota)

*The Generalized TAP Free
Energy*



Mohammud Foondun
(University Of Strathclyde
Glasgow)

*Heat Kernel Estimates And
Non-Existence Of Global
Solutions to Evolutions
Equations*



Mathew Joseph
(Indian Statistical
Institute)

*An Invariance Principle For
The Stochastic Heat
Equation*



Ildoo Kim
(Korea University)

*A Sharp L_p -Regularity
Result For Second-Order
Stochastic Partial
Differential Equations With
Unbounded And Fully
Degenerate Leading
Coefficients*



Kunwoo Kim
(POSTECH)

*Multifractal Structures Of
The Tall Peaks For
Stochastic Heat Equations*



Kyeonghun Kim
(Korea University)

*Boundary Behaviors And
Interior Holder Regularity
Of Solutions To SPDE*



Kijung Lee
(Ajou University)

*A Modeling Of Random
Flux For Stochastic Elliptic
Equations*



Wei Liu

(Jiangsu Normal
University)

NStochastic 3D

Leray- $S\backslash\alpha$ Model

With Fractional Dissipation



Pierre Nolin

(City University Of Hong
Kong)

Near-Critical Percolation

With Heavy-Tailed

Impurities



Li-Hsien Sun

(National Central
University)

Portfolio Optimization With

Delay Factor Models



Bin Xie

(Shinshu University)

Ergodic Properties Of

Stochastic Partial

Differential Equations With

Reecting Walls

■ PARTICIPANT

updated: May 14, 2019

Junhee RYU (Korea University)

Jinsol, Seo (Korea University)

Choi, Jaehwan (Korea University)

Beomseok Han (Korea university)

Park Daehan (Korea University)

Wai-Kit Lam (University of Minnesota)

Yi-Ching Yao (Academia Sinica)

Guan-Yu Chen (陳冠宇) (National Chiao Tung University)

洪芷漪 (國立政治大學)

May-Ru Chen (National Sun Yat-sen University)

駱昀鋒 (台大數學所)

Po-Keng Cheng (National Central University)

Yin-Ting Liao (Brown University)

Hyunchul Park (SUNY New Paltz)

胡殿中 (清華大學數學系)

Cathrine Jenitta Arockia Samy (Tunghai University)

劉聚仁 (國立成功大學數學系)

白惠明 Hui-Ming Pai (National Taipei University)

程嵩硯 (政治大學)

翁新傑 (中央大學數學系)

許景隆 (中研院數學所)

Ser-Wei Fu (NCTS)



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Plenary Speaker

Krishna Athreya Iowa State University Tadahisa Funaki Waseda University
Davar Khoshnevisan University of Utah Takashi Kumagai Kyoto University
Carl Mueller University of Rochester

Invited Speaker

Lung-Chi Chen National Chengchi University Wei-Kuo Chen University of Minnesota
Mohammud Foondun University of Strathclyde Glasgow Mathew Joseph Indian Statistical Institute
Ildoo Kim Korea University Kunwoo Kim POSTECH
Kyeonghun Kim Korea University Kijung Lee Ajou University
Wei Liu Jiangsu Normal University Pierre Nolin City University of Hong Kong
Li-Hsien Sun National Central University Bin Xie Shinshu University

PROBABILITY

Organizers Chii-Ruey Hwang (Academia Sinica) Shuenn-Yji Sheu (National Central University and National Chengchi University)
Yuan-Chung Sheu (National Chiao Tung University) Shang-Yuan Shiu (National Central University)

Sponsors 中央研究院數學研究所 國家理論科學研究中心
Institute of Mathematics, Academia Sinica National Center for Theoretical Sciences



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INSTITUTE OF MATHEMATICS, ACADEMIA SINICA, TAIPEI, TAIWAN

	May 20, Monday	May 21, Tuesday	May 22, Wednesday
Chair	Guan-Yu Chen	Shuenn-Jyi Sheu	Chii-Ruey Hwang
09:00 – 10:00	10:00 – 10:50 registration 10:50 – 11:00 opening	Davar Khoshnevisan	Krishna Athreya
10:00 – 10:30		break	
10:30 – 11:00		Kyeoghun Kim	Wei-Kuo Chen
11:00 – 11:30	11:00 – 12:00 Takashi Kumagai	Kijung Lee	Pierre Nolin
11:30 – 11:40		break	
11:40 – 12:10		Wei Liu	Lung-Chi Chen
	Lunch		
Chair	Tzuu-Shuh Chiang	Yunshyong Chow	Trip to the National Palace Museum Bus leaves at 13:00 from the Institute
14:00 – 15:00	Carl Mueller	Tadahisa Funaki	
15:00 – 15:30	break		
15:30 – 16:00	Kunwoo Kim	Bin Xie	
16:00 – 16:30	Ildoo Kim	Mohammud Foondun	
16:30 – 16:40	break		
16:40 – 17:10	Li-Hsien Sun	Mathew Joseph	
	17:30- Reception (6F Lounge)		