

WATTHANAN 'MIM' JATUVIRIYAPORNCHAI
University of Warwick
Coventry
United Kingdom
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27 years old
Born in Phitsanulok,
Thailand

Education

2013-PRESENT PH.D. CANDIDATE IN MATHEMATICS

*supervisors : Dr. Stefan Grosskinsky and Dr. Dario Spano
Mathematics Institute. University of Warwick, Coventry, UK*

2013 MMath. with first class honour
University of Warwick, Coventry, UK

2009 A-levels : Maths A, Further Maths A, Additional Further Maths A, Chemistry A, Physics A
Concord College, Shrewsbury, UK

Research Area

Interacting particle systems, applied probability, Markov processes, condensation, birth death processes, Mathematical population genetics, coalescence, duality

Teaching Experience

2014-2015 Supervisor
1st year Discrete Mathematics students

Autumn 2014 Teaching Assistant
Topics in Mathematical Biology, 3rd year Mathematics module

Publications

W. J., S. Grosskinsky, *Coarsening dynamics in condensing zero-range processes and size-biased birth death chains* Journal of Physics A: Mathematical and Theoretical 49.18 (2016): 185005. (arXiv:1511.09357)

Presentations

July 2016 30-minute-talk "Coarsening dynamics in condensing stochastic particle systems"
Condensation phenomena in stochastic systems, University of Bath

June 2016	20-minute-contributed talk “Coarsening dynamics in condensing zero-range processes and size-biased birth death chains” School and Workshop on Random Interacting Systems, University of Bath
February 2016	60-minute talk “Coarsening dynamics in condensing zero-range processes and size-biased birth death chains” WIMP, University of Warwick
November 2015	25-minute-contributed talk “Coarsening dynamics in condensing zero-range processes” Junior Female Researchers in Probability (JFR2015) in Berlin
August 2015	20-minute-contributed talk in Probability and Stochastic Processes section “Coarsening dynamics in condensing zero-range processes” Young Researchers in Mathematics conference (YRM2015), University of Oxford
July 2015	15-minute-contributed talk “Coarsening dynamics in condensing zero-range processes” 38th Conference on Stochastic Processes and their Applications (SPA2015), University of Oxford
March 2015	Poster presentation The 4th Joint British Mathematical Colloquium and British Applied Mathematics Colloquium, University of Cambridge
July 2014	Poster presentation Young Researchers in Mathematics 2014, University of Warwick
June 2014	Oral presentation 1st year PhD students’ Talk : Warwick Mathematics Colloquium

Attended Conferences and Workshops

August 2016	Young Researchers in Mathematics 2016 University of St.Andrew
July 2016	Condensation phenomena in stochastic systems University of Bath
June 2016	School and Workshop on Random Interacting Systems, University of Bath
March 2016	Probabilistic models - from discrete to continuous University of Warwick
November 2015	Junior Female Researchers in Probability (JFR2015) Berlin
September 2015	Workshop on Models and Inference in Population Genetics University of Warwick
August 2015	Young Researchers in Mathematics 2015 University of Oxford

July 2015	38th Conference on Stochastic Processes and their Applications (SPA2015), University of Oxford
March 2015	The 4th Joint British Mathematical Colloquium and British Applied Mathematics Colloquium University of Cambridge
September 2014	UK Probability Meeting: From Microscopic Randomness to Macroscopic Phenomena Imperial Probability Centre, London
August 2014	Population Dynamics and Statistical Physics in Synergy EUrandom, Eindhoven
July 2014	Young Researchers in Mathematics 2014 (Track Chair in Mathematical Biology session) University of Warwick
May 2014	Young Women in Probability 2014 School in Mathematics, Bonn
February 2014	From interacting particle systems to population genetics Workshop University of Erlangen

Language Skills

FLUENT:	English
BASICS:	Mandarin Chinese
MOTHER TONGUE:	Thai

Computer Skills

Matlab, Mathematica, C, Latex, Microsoft Offices

Other activities

2009-Present	Volunteer in RAG week, Unicef and SaveTheChildren
2012-Present	Secretary of Thai Mathematics students in the UK
2012-Present	Senior advisor of Warwick Thai society
Summer 2012	Tutor in Mathematics and Chemistry for high school students, Janok- rong School, Thailand
Summer 2011	Flood modelling team working with lecturers and postgrad students at Chiangmai University, Thailand
2009-2011	Treasurer of Warwick Thai Society