

Michael Damron
Associate Professor, School of Mathematics, Georgia Tech

Education

Ph.D. Mathematics, NYU, 2009. Advisor: C. Newman and D. Stein
B.S.E. Computer Engineering, B.S. Mathematics, University of Florida, 2004.

Employment

Georgia Institute of Technology
Associate Professor, 2017-; Assistant Professor, 2015-2017
Indiana University, Bloomington
Assistant Professor, 2013-2016
Princeton University
Instructor, 2010-2013; NSF Postdoctoral Research Fellow, 2009-2012

Awards and grants

Research

Kavli fellow (National Academy of Science), 2019
NSF grants
2054559 (\$381,110) "Critical and subcritical growth models," 2021-2024
CAREER grant 1552267 (\$400,000) "Distances in random media," 2016-2022
(with R. Lyons) 1503743 (\$15,000) "Seymour Sherman memorial conference," 2015
1419230 (\$145,000) "Random spatial systems and ground states of short range spin glasses," 2013-2016
Postdoctoral Research Fellowship, 2009-2012
(with C. Houdré) IMA participating institutions conference grant (\$5,000), 2018

Teaching

LexisNexis Dean's award, Georgia Tech, 2016
Trustees teaching award, IU, 2013-2014

Publications

Books

(edited with F. Rassoul-Agha and T. Seppäläinen) Random growth models. *AMS Proceedings of the 2017 Joint Math Meetings Short Course*.

(with A. Auffinger and J. Hanson) 50 years of first-passage percolation. *AMS University Lecture Series. Vol. 68*.

Articles

6 preprints, 42 journal publications — see people.math.gatech.edu/~mdamron6

Invited talks

10 invited minicourses, 37 invited conference or colloquium talks, 46 invited seminar talks

Service

Conferences organized

(coorganizer) Mathematics Research Communities, Stochastic Spatial Models, AMS, 2019.

(with C. Houdré) Recent trends in continuous and discrete probability, Georgia Tech, 2018.

(with T. Seppäläinen and F. Rassoul-Agha) Random growth models, AMS Joint Math Meetings Short Course, Jan. 2017

(with A. Auffinger, J. Hanson) First-passage percolation and related models, AIM workshop, Aug. 2015

(with R. Lyons) Sherman memorial conference, IU, May 2015

Mentorship

Postdoctoral scholars mentored

Alperen Özdemir, 2020-; Gerandy Brito, 2017-2019; Jack Hanson, 2013-2015; Xuan Wang, 2014-2016

Ph. D. students

David Harper, 2017-; Bounghun Bock, 2014-2019; Wai Kit Lam, 2014-2018

Masters students

Bencheng Li, 2021-; Yuanzhe Ma, 2020-2021; Jiaheng Li, 2019-2020

Senior thesis projects:

Daniel Wu, Kamron Saniee, 2013; Steven Kim, Spring 2013

REU projects / independent study:

GaTech: Riuhan Liu, Spring 2020; Shenduo Zhang, Fall 2019; Jaron Jackson, Fall 2019; Yuyao Wang, Spring 2018; Xiaomeng Wan, Spring 2018; Thomas Koelle, 2017.

Princeton: George Kerchev, Summer 2013; Daniel Penner, Summer 2012
NYU: Michael Khanarian, Summer 2011; Scott Yang, Summer 2009.