



Midwest Dynamical Systems Conference

Northwestern University
November 3-5, 2017
Evanston, IL

Speakers

Jacopo De Simoi, University of Toronto
Daniel Groves, University of Illinois at Chicago
Patrick Ingram, York University
Boris Kalinin, Penn State University
Alex Kontorovich, Rutgers University
Joel Moreira, Northwestern University
Rohini Ramadas, Harvard University
Scott Schmieding, Northwestern University
Liz Vivas, Ohio State University

Program

November 3	Lunt Hall 105	
4:10	Colloquium Lecture: Alex Kontorovich	Geometry and arithmetic of crystallographic packings
5:15	Wine & Cheese Reception in the common room (2nd floor of Lunt)	
November 4	Technological Institute M345	
8:30	Breakfast	
9:00	Jacopo De Simoi	Spectral rigidity and planar convex billiards
10:00	Rohini Ramadas	Algebraic dynamics from topological and holomorphic dynamics
11:00	Coffee and snacks	
11:30	Scott Schmieding	Automorphisms of the shift: Lyapunov exponents and the dimension representation
12:30-2:30	Lunch break	
2:30	Joel Moreira	Multiple recurrence along sparse sequences over thick sets
3:30	Coffee and snacks	
4:00	Daniel Groves	Uniform versus non- uniform convergence

action on the two-
sphere

November

5

Daylight
Savings
(set your
clocks back!)

Technological
Institute M345

8:30

Breakfast

9:00

Patrick Ingram

The critical height
and its depleted
variants

10:00

Liz Vivas

Scattering methods
for skew-product
parabolic maps

11:00

Coffee and snacks

11:30

Boris Kalinin

Normal forms on
contracting foliations

Other Information

[Abstracts](#)

[Campus Maps](#)

["Room Finder" and Maps of TECH](#), the Technological
Institute Building.

[Participant List](#) (updated October 31)

[Past conferences and information about the e-mailing list](#)

Registration. To register, please send an email to
midwestdynamics2017@gmail.com with subject heading
REGISTRATION, containing your name, your university,

and your advisor's name if you are a student. There is some funding for junior participants and those without grants; please indicate in your email if you would like to request funding for travel or lodging. Include the amount requested, and remember that you must use a US air carrier if you request airfare reimbursement. Graduate students requesting hotel support are asked to share rooms.

Hotels. We have not blocked any hotel rooms for this event or made any special arrangements for accommodation (except for the speakers). Please make your reservations early.

This event is funded by the National Science Foundation and Northwestern University.

Organizers: Laura DeMarco, Ken Jacobs, and Bryna Kra
