

Schedule of talks- 2012

Thursday March 22-

2:45pm -3:45 pm – Registration – refreshments – PHILLIPS HALL- Room 330 .

4:00 pm – 5:00 pm – Colloquium Talk-

Jean Christophe Yoccoz – College de France-Paris

[From circle diffeomorphisms to interval exchange maps](#)

The talk is to be held in **CHAPMAN Room 211**

DINNER: 6:30 pm at the Top of the Hill.

SPEAKERS

FRIDAY – March 23-

The talks are to be given in the STONE CENTER – Hitchcock Room

9:00 am -9:45 am

Carlos Matheus Santos – Institut Galilée, Université Paris 13 -France and Impa Brasil.

[Fractal geometry of non-uniformly hyperbolic horseshoes](#)

10:00 am – 10:45 am-

Sarah Koch- Harvard University- USA

[Twisted Matings of Polynomials](#)

11:00 am -11:45 am

Tim Austin – Clay Math Institute and Brown University-USA

[Nonconventional averages, joining equidistribution and joining rigidity](#)

Lunch BREAK

2:00 pm- 2:45 pm

Idris Assani – UNC Chapel Hill

[Pointwise convergence for commuting invertible measure preserving transformations.](#)

3:00 pm- 3:45 pm

Mariusz Lemanczyk-Nicolaus Copernicus University-Poland

[Ratner's property for special flows over rotations](#)

4:00pm -4:45 pm

Francesco Cellarosi- MSRI- Berkeley-USA-

[Ergodic Properties of Square-Free Numbers](#)

SATURDAY March 24

The talks are to be given in PHILLIPS HALL -Room 330.

9:00 am- 9:45 am

Jean-Pierre Conze- University of Rennes I-France.

[Asymptotic directions of a vectorial cocycle, remarks and examples.](#)

10:00 am – 10:45 am

Miguel Walsh –Universidad de Buenos Aires, Argentina

[Norm convergence of nilpotent ergodic averages](#)

11:00 am -11:45 am

Joanna Kulaga – Nicolaus Copernicus University -Poland

[Smooth flows without self-similarities](#)

LUNCH BREAK

1:30 pm-2:15 pm

Guy Cohen – Ben Gourion University-Israel

[The CLT for rotated ergodic sums and related processes.](#)

2:30 pm- 3:15 pm

Wei Biao Wu – University of Chicago

[Komlos-Major-Tusnady approximation for Bernoulli Shifts](#)

3:30 pm- 3:50 pm

Kelly Funk- Univ Illinois at Urbana Champaign

[Rigidity sequences](#)

4:00 pm – 4: 20 pm

Tushar Das- Univ of North Texas

[Dynamics and geometry in infinite-dimensional hyperbolic spaces](#)

4:30 pm – 5:15 pm

Mahesh Nerurkar- Rutgers University

[An open mapping theorem with applications to dynamics of smooth](#)

[SL\(2,R\) valued cocycles](#)

5:30 pm – 6:00pm : Problems session

SUNDAY March 25

The talks are to be given in PHILLIPS HALL Room 330.

9: 45 am – 10:30 am

Ilya Vinogradov- Princeton University-USA

[Effective bisector estimate for PSL\(2,C\) with applications to circle packings](#)

10:45 am- 11:30 am

Alexander Danilenko-Institute for Low Temperature Physics, Ukraine

Self-similarities of ergodic flows