Ergodic Theory Workshops UNC Chapel Hill
Department of Mathematics
April 7 – 10, 2016

Thursday, April 7
3:00 pm – 4:00 pm: Registration and Refreshments **(Phillips Hall 330**)

4:00 pm – 5:00 pm: Keynote Address **(Phillips Hall 332)**
>   Francois Ledrappier (CNRS/University of Notre Dame)
>   Title: *Entropies for the cover of a compact manifold*

6:00 pm – ??: Dinner **(Top of the Hill)**

Friday, April 8 (Stone Center)
9:30 am – 10:10 am:
>   Lien Yang Kao (University of Notre Dame)
>   Title: *Pressure type metrics on spaces of metric graphs*

10:30 am – 11:10 am:
>   Francesco Cellarosi (Queens University)
>   Title: *Autocorrelation functions for quantum particles on a nilmanifold*

11: 20 am – 2:00 pm: Lunch (on your own)

2:00 pm – 2:40 pm:
>   Tushar Das (University of Wisconsin – La Crosse)
>   Title: *Badly approximable vectors in conformal fractals*

3:00 pm – 3:40 pm:
>   Zhiren Wang (Pennsylvania State University)
>   Title: *Mobius disjointness for analytic skew products*

Saturday, April 9 (Phillips Hall 332)
9:30 am – 10:20 am:
>   Raul Ures (IMERL – Universidad de la Republica – Uruguay)
>   Title: *Ergodicity and partial hyperbolicity*

10:40 am – 11:20 am:
>   Aaron Brown (University of Chicago)
>   Title: *Rigidity of actions of higher-rank lattices on tori and nilmanifolds*

11:30 am – 2:00 pm: Lunch (on your own)

2:00 pm – 2:50 pm:
>   Federico Rodriguez Hertz (Pennsylvania State University)
>   Title: *A proof of Ghys theorem on lattice actions on the circle*

3:10 pm – 3:50 pm:
>   Boris Kalinin (Pennsylvania State University)
>   Title: *Non-stationary normal forms for non-uniform contractions*

4:00 pm – 5:00 pm: **Problem Session**

<u>Sunday, April 10 (Phillips Hall 332)</u>
9:30 am – 10:10 am:
      Martin Schmoll (Clemson University)
      Title: *Ergodic planar Eaton lens configurations*
10:30 am – 11:10 am:
      Ilya Vinogradov (Princeton University)
      Title: *Spherical averages in the space of marked lattices*

END OF WORKSHOP