

First Joint Meeting Brazil Italy of Mathematics
Session 17: Geometric Topology and Dynamics

Schedule:

Tuesday 30/08/2016 (afternoon session)

- 17:30 – 17:55 Jean-Francois Lafont (Ohio)
Aspherical products which do not support Anosov diffeomorphisms
- 18:00 – 18:25 Natália Andrea Viana Bedoya (São Carlos)
Grids and branched coverings of the sphere
- 18:30 – 18:55 Alessandro Sisto (ETH Zurich)
A Central Limit Theorem for acylindrically hyperbolic groups
- 19:00 – 19:25 Gabriele Mondello (Roma)
Surfaces with spherical metrics
- 19:30 – 19:55 Stefano Francaviglia
The theory of train tracks and the conjugacy problem for automorphisms of free groups

Wednesday 31/08/2016 (Morning session)

- 9:00 – 9:25 Bruno Zimemermann (Trieste)
On finite group actions on surfaces, finite graphs and 3-manifolds
- 9:30 – 9:55 Alexandre Paiva Barreto (São Carlos)
Involutions on closed Sol 3-manifolds and the Borsuk-Ulam Theorem for maps into R^n
- 10:00 – 10: 25 Darlam Girao (UFC)
Tunnel number of knots from a combinatorial perspective
- 10:30 – 10:55 Bruno Martelli (Pisa)
Hyperbolic four-manifolds
- 11:00 – 11:25 Roberto Frigerio (Pisa)
Ergodic actions and intergral approximations of Gromov's simplicial volume
- 11:30 – 11:55 Joan Porti (UAB Barcelona)
Reidemeister torsion, hyperbolic three-manifolds, and character varieties

Wednesday 31/08/2016 (Afternoon session)

- 17:30 – 17:55 Gabriel Calsamiglia (UFF)
The Riemann-Hilbert mapping on sl_2 -systems
- 18:00 – 18:25 Washington Mio (Tallahassee, Florida)
Persistent Homology and Barcode Fields
- 18:30 – 18:55 Misha Belolipetsky (IMPA)

Counting isospectral manifolds

19:00 – 19:25 Stephan Tillmann (University of Sydney)

Tessellating moduli spaces of strictly convex projective structures