

## YGGT XI

# Lightning Talks

Mon, Feb 13, 4:15 to 6:15 pm

### Parallel Session 1 (Botanicum SG3)

1. Amandine Escalier - *Quantitative orbit equivalence, or how geometric and measured group theory talk to each other*
2. Tom Ferragut - *Geometry of Horospherical product*
3. Mariam Alhawaj - *Generalized pseudo-Anosov maps from Hubbard trees*
4. Marie Trin - *From counting curves to counting arcs*
5. Federica Bertolotti - *Complexity of a manifold in terms of simplices*
6. Francesco Fournier-Facio - *Hopfian wreath products and the direct finiteness conjecture*
7. Christian Steinhart - *Isometric embeddings of Outer Space*
8. Héctor Jardón-Sánchez - *Kazhdan's property (T) for equivalence relations*
9. Martina Jørgensen - *A higher rank hyperbolicity condition*
10. Hyeran Cho - *Riemannian Metrics with Nonpositive Curvature on Branched Coverings*
11. Matteo Migliorini - *Hyperbolic manifolds fibering over  $S^1$*
12. Naomi Andrew - *Automorphisms meet Bass-Serre theory*
13. Alice Kerr - *Coarse embeddings*
14. Jerónimo García Mejía - *For Sale: Baby shoes, never worn*

### Parallel Session 2 (Schloss S2)

1. Michael Zshornack - *Zariski-dense surface groups in  $SL(n, \mathbb{Z})$*
2. Jonathan Fruchter - *Virtual homology, residually free groups and profinite rigidity*
3. Kevin Li - *Combination theorems for finiteness/vanishing conditions*
4. José Pedro Quintanilha - *Sigma-invariants for locally compact groups*

5. Shaked Bader - *CAT(0) Polygonal complexes are 2-median*
6. Bianca Marchionna - *Double-coset zeta functions for groups acting on trees or buildings*
7. Becky Eastham - *Homology of finite regular covers of graphs and the connectivity of 'Whitehead space'*
8. Alexandra Edletzberger - *Quasi-Isometry Problem(s) of Right-Angled Coxeter Groups.*
9. Mireille Soergel - *Dyer groups*
10. Marco Lotz - *Reflection length in non-affine Coxeter groups*
11. Macarena Arenas - *Cohomological vs cubical dimensions*
12. Sami Douba - *A thin flat conformal structure*
13. Yandi Wu - *Marked Length Spectrum Rigidity for Certain Quotients of the Davis Complex*
14. Lewis Molyneux - *An introduction to Homotopic BNSR invariants*
15. Alex Evetts - *Conjugacy growth in virtually nilpotent groups*