

# Selected Publications/Preprints

of Corina Ciobotaru

## Published in journals

• **Corina Ciobotaru**, Vladimir Finkelshtein and Cagri Sert, *(Non)-escape of mass and equidistribution for horospherical actions on trees*, accepted by *Mathematische Zeitschrift*, 2021, Impact Factor: 0.881  
<https://arxiv.org/abs/1910.14503>

• **Corina Ciobotaru** and Arielle Leitner, *Chabauty Limits of Parahoric Subgroups of  $\mathbf{SL}(n, \mathbb{Q}_p)$*  accepted by *Expositiones Mathematicae*, 2020, Impact Factor: 0.880  
<https://www.sciencedirect.com/science/article/abs/pii/S0723086921000025>

★ **Corina Ciobotaru**, Vladimir Finkelshtein and Cagri Sert, *Measure rigidity for horospherical subgroups of groups acting on regular trees*, accepted by *International Mathematics Research Notices*, Impact Factor 1.291, <https://doi.org/10.1093/imrn/rnz275>

• **Corina Ciobotaru**, *Parabolically induced unitary representations of the universal group  $U(F)^+$  are  $C_0$* , *Mathematica Scandinavica*, 125(1), 113–134, 2019, Impact Factor: 0.649  
<https://doi.org/10.7146/math.scand.a-114722>

★ **Corina Ciobotaru**, Bernhard Mühlherr and Guy Rousseau, *The cone topology on measures*, *Advances in Geometry*, Volume 20, Issue 1, Pages 1–28, 2020, Impact Factor: 0.736  
<https://doi.org/10.1515/advgeom-2019-0020>

• **Corina Ciobotaru** and Sergiu Moroianu, *Positivity of the renormalized volume of almost-Fuchsian hyperbolic 3-manifolds*, *Proc. Amer. Math. Soc.* 144 (2016), 151–159, Impact Factor: 0.813  
<https://doi.org/10.1090/proc/12682>

★ **Corina Ciobotaru**, *A unified proof of the Howe–Moore property*, *Journal of Lie Theory* 25 (2015), No. 1, Impact Factor: 0.53, <http://www.heldermann.de/JLT/JLT25/JLT251/jlt25005.htm>

★ Pierre-Emmanuel Caprace and **Corina Ciobotaru**, *Gelfand pairs and strong transitivity for Euclidean buildings*, *Ergodic Theory and Dynamical Systems*, Volume 35, Issue 04, 2015, 1056–1078, Impact Factor: 1.194, <https://doi.org/10.1017/etds.2013.102>

• **Corina Ciobotaru**, *The flat closing problem for buildings*, *Algebraic and Geometric Topology* 14 (2014) 3089–3096, Impact Factor: 0.919, <https://msp.org/agt/2014/14-5/agt-v14-n5-p18-s.pdf>

## Prepublications

★ **Corina Ciobotaru**, *The universal group of Burger–Mozes and the Howe–Moore property*  
<https://arxiv.org/abs/1612.09427>

★ **Corina Ciobotaru**, Arielle Leitner and Alain Valette, *Chabauty Limits of Cartan Subgroups of  $\mathbf{SL}(n, \mathbb{Q}_p)$*  <https://arxiv.org/abs/1711.04864>

• **Corina Ciobotaru** and Christian Mazza, *Consistency and asymptotic normality of  $M$ -estimates of scatter on Grassmann manifolds* <https://arxiv.org/abs/1812.11605>