# SCALING LIMIT OF BOND PERCOLATION IN HIGH DIMENSIONS

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ABSTRACT. In 2012, Addario–Berry, Broutin, and Goldschmidt proved that the largest connected components of critical Erdös–Rényi random graphs converge toward some continuum random graphs (sizes+geometry). Those results have then been extended for several other graphs, notably for the configuration model and multiplicative graphs. In this talk, we will see how we can extend those limits for bond percolation on the torus in high dimensions.

[Work in progress with Nicolas Broutin and Asaf Nachmias]

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