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Bram Petri* (brampetri@gmail.com), 4, place Jussieu, Paris, 75252. *Random 3-manifolds with boundary.*

When one glues a finite number of tetrahedra together along their faces at random, the probability that the resulting complex is a manifold tends to zero as the number of tetrahedra grows. However, the only non-manifold points are the vertices of this complex. So, if we truncate the tetrahedra at their vertices, we obtain a random manifold with boundary. This talk will be about the geometry and topology of that manifold. This is joint work with Jean Raimbault. (Received January 12, 2021)