1167-57-189 **Bram Petri*** (brampetri@gmail.com), 4, Place Jussieu, 75252 Paris, France. *Kissing numbers of hyperbolic manifolds.*

The kissing number of a hyperbolic manifold is the number of closed geodesics realizing its systole - the shortest length of such a geodesic. This is a natural generalization of the kissing number of a Euclidean lattice. I will discuss how the kissing number of a hyperbolic manifold relates to other geometric and topological properties of the manifold. This is joint work with Maxime Fortier Bourque (Received March 07, 2021)