1120-60-173 Christian Benes* (cbenes@brooklyn.cuny.edu), Gregory F. Lawler and Fredrik Viklund. The scaling limit of the loop-erased random walk Green's function.

We show that the probability that a planar loop-erased random walk passes through a given edge in the interior of a lattice approximation of a simply connected domain converges, as the lattice spacing goes to zero, to a multiple of the SLE(2) Green's function. (Received February 21, 2016)