1139-60-542 **Olivier Bernardi**, **Christophe Garban**, **Ewain Gwynne**, **Nina Holden*** (ninah@mit.edu), **Avelio Sepulveda** and **Xin Sun**. *Scaling limits for percolated random planar maps.*

The Schramm-Loewner evolution (SLE) is a family of random fractal curves, which is the proven or conjectured scaling limit of a variety of two-dimensional lattice models in statistical mechanics. Liouville quantum gravity (LQG) is a model for a random surface which is the proven or conjectured scaling limit of discrete surfaces known as random planar maps (RPM). We prove scaling limit results for percolation-decorated RPM to SLE-decorated LQG. (Received February 19, 2018)