SCHRAMM-LOEWNER EVOLUTION IN MULTIPLY CONNECTED DOMAINS

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The chordal Schramm-Loewner evolution (SLE) is a measure on curves connected boundary points of a domain. Schramm defined the process for simply connected domains, but it is not immediate how to extend the definition to multiply conneceted domains. I will discuss an approach using the Brownian loop measure and some work in progress showing that the measure is well defined. The recent work uses ideas from a recent paper of Dapeng Zhan on reversibility of whole plane SLE.