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**Govind Menon\*** ([govind\\_menon@brown.edu](mailto:govind_menon@brown.edu)), Division of Applied Mathematics, Brown University, 182 George St, Providence, RI 02912. *Stochastic Loewner evolution with branching.*

Conformal processes with branching, especially diffusion limited aggregation (DLA), have been studied by several physicists, but there are few mathematical results in the area. I will present a new model for stochastic Loewner evolution with branching. The main advantage of our model is that it yields scaling limits rather easily. One of these limits, the Dyson superprocess, will be described.

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