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**Gregory F Lawler\*** ([lawler@math.uchicago.edu](mailto:lawler@math.uchicago.edu)), Department of Mathematics, University of Chicago, 5734 S. University Ave., Chicago, IL 60637-1546. *Natural parametrization for Schramm-Loewner evolution (SLE).*

The Schramm-Loewner evolution (SLE) is defined using a parametrization by capacity. This is not the same as the limit of the natural parametrization of the discrete models. We describe how to define the natural parameterization for SLE. This is closely related to questions about fractal properties of the path. Some of this work is joint with Scott Sheffield. (Received February 07, 2008)