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Saar David Hersonsky* (saarh@math.uga.edu). *Approximating conformal maps*. Preliminary report.

The Riemann Mapping Theorem asserts that any simply connected planar domain which is not the whole of it, can be mapped homeomorphically by a conformal mapping onto the open unit disk, that is, the domains are *conformally equivalent*. Rodin and Sullivan were the first to prove Thurston's celebrated conjecture that a scheme based on the Koebe-Andreev-Thurston Circle Packing Theorem converges to the Riemann mapping.

More recently, Chow and Luo found profound applications of circle mappings to the study of Ricci flows on surfaces. There are also related important applications of circle packings to due to David, Luo and Yau, David, Zeng, Luo and Yau, and Sass, Stephenson and Brock.

We will describe our inroads towards a resolution of Stephenson's question from the 90's, which concerns the possibility of approximating the Riemann Mapping by a sequence of finite networks. (Received September 22, 2014)