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**Hannah Vogel\*** ([hannah.vogel@uni-graz.at](mailto:hannah.vogel@uni-graz.at)). *Asymptotic triangulations and Coxeter transformations of the annulus*. Preliminary report.

Asymptotic triangulations can be viewed as limits of triangulations under the action of the mapping class group. We construct an alternative method of obtaining these asymptotic triangulations using Coxeter transformations. This provides us with an algebraic and combinatorial framework for studying these limits via the associated quivers and root systems. (Received September 16, 2014)