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Vaughan F.R. Jones* (vaughan.f.jones@vanderbilt.edu), 155 Valley forge, Nashville, TN
37205. *The R. Thompson groups as local scaling transformations of quantum spin chains.*

I will discuss the possibility of a non continuum limit of quantum spin chains where the Thompson groups and their generalisations play the role of the diffeomorphism groups and Virasoro algebra as groups of local scale transformations. (Received February 09, 2018)