The Ricci Iteration on Homogeneous Spheres

Artem Pulemotov

(School of Mathematics and Physics, The University of Queensland, St Lucia, QLD 4072, Australia)

E-mail: `a.pulemotov@uq.edu.au`

The Ricci iteration is a discrete analogue of the Ricci flow. Introduced in 2007, it has been studied extensively as a new approach to uniformisation. In this talk, we will discuss the Ricci iteration on spheres that are equipped with transitive Lie group actions. Joint work with Timothy Buttsworth (Queensland), Yanir Rubinstein (Maryland) and Wolfgang Ziller (Pennsylvania).