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Vasily A. Dolgushev* (vald@temple.edu), 1805 N. Broad St., Wachman Hall Rm. 638, Philadelphia, PA 19122, and **Christopher Lee Rogers** and **Thomas H. Willwacher**. *A manifestation of the Grothendieck-Teichmueller group in geometry.*

Inspired by Grothendieck's lego-game, Vladimir Drinfeld introduced, in 1990, the Grothendieck-Teichmueller group GRT. This group has interesting links to the absolute Galois group of rationals, moduli of algebraic curves, solutions of the Kashiwara-Vergne problem, and theory of motives. My talk will be devoted to the manifestation of GRT in the extended moduli of algebraic varieties, which was conjectured by Maxim Kontsevich in 1999. My talk is based on the joint paper with Chris Rogers and Thomas Willwacher: <http://arxiv.org/abs/1211.4230> (Received August 13, 2013)