Topology, Arithmetic, & Dynamics Seminar

An introduction to 2−Segal spaces

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The notion of a 2−Segal space was recently defined by Dyckerhoff and Kapranov, and independently by Galvez-Carrillo, Kock, and Tonks under the name of decomposition space. Whereas 1−Segal spaces have an algebraic structure in which composition is defined and is associative, 2−Segal spaces instead encode a more general structure in which composition need not exist or be unique, but is still associative when it is defined. In this talk we'll look at examples of both algebraic and geometric flavors and some of the constructions and applications which motivate them.

Date: **Friday, January 27, 2016**
Time: **2:30-3:20 pm**
Place: **4106 Exploratory Hall**

For special accommodations, please contact Sean Lawton via email at `slawton3@gmu.edu`.