

# Sonderforschungsbereich 1060

The Mathematics of Emergent Effects

Einladung zu einem Vortrag im SFB-Seminar

**Prof. Dr. Prasad Tetali**

Georgia Institute of Technology, Atlanta, USA

spricht zum Thema

**Infimum-convolution proof of a concentration  
inequality on the symmetric group**

**Zeit: Dienstag, den 20. Mai 2014, 15.45 Uhr**

**Ort: Lipschitz-Saal 1.016, Endenicher Allee 60**

gez. Jan Maas

**Abstract:** The talk will describe an infimum-convolution proof of a concentration inequality of Talagrand on the symmetric group, equipped with the transposition distance. Dual formulations and corresponding entropy transport inequalities will also be mentioned. This is based on current joint work with C.Roberto, N. Gozlan, and P-M. Samson.