# Algebra
# Seminar

## *Pathologies of the Brauer-Manin obstruction*

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**Abstract:** In 1970, Manin used the Brauer group of varieties to account for most known counterexamples to the Hasse principle over number field. In 1999, A. Skorobogatov produced the first unconditional examples of varieties without rational point not accounted for by the Brauer-Manin obtruction. Simpler examples were produced by B. Poonen in 2010. We present even simpler examples. This is joint work with A. Pál and A. Skorobogatov.

Wednesday, October 9, 2013, 4:00 pm
Mathematics and Science Center: W306

# Mathematics and Computer Science
## Emory University