Manhattan Algebra Day

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C^*-simple groups

Friday, December 6, 2013
CUNY Graduate Center, Room 4102
10:20am

Abstract:
A group is called C^*-simple if its reduced C^*-algebra is simple. C^*-simplicity of a group is essentially a representation theoretic property and can also be thought of as a strong negation of amenability. I will survey some recent results and open questions on C^*-simple groups. The talk is partially based on joint papers with F. Dahmani, V. Guirardel, and A. Olshanskii.