

MATHEMATICS DEPARTMENT
North Carolina State University

ALGEBRA SEMINAR

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L_∞ Algebra Structures of Lie Algebra
Deformations

ABSTRACT: In this talk, we will show how to kill the obstructions to Lie algebra deformations via a method which essentially embeds a Lie algebra into a strong homotopy Lie algebra or L_∞ algebra. All such obstructions have been transferred to the relevant L_∞ algebras which contain only three terms.

2:35 - 3:25pm HA 335

Faculty and Students are invited to attend.