

MATHEMATICS DEPARTMENT  
North Carolina State University

ALGEBRA SEMINAR

Friday, February 10, 2006

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NC State University

Polylocality of Quantum Fields

**ABSTRACT:** The notion of locality of quantum fields plays an important role in the theory of vertex algebras. Its extension to polylocality of fields in several variables has been recently utilized in the theories of “vertex algebras in higher dimensions” and of “generalized vertex algebras.” In this talk I will present a short introduction to polylocality and its main applications.

3:00 - 3:50 pm    HA 335

Faculty and Students are invited to attend.