

## **abstract**

COMPUTER SCIENCE/DISCRETE MATH 1

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

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Ramanujan complexes of type  $\tilde{A}_n$  have been constructed by Lubotzky, Samuels and Vishne. In this talk I would like to propose a definition of Ramanujan complexes associated with buildings of any affine type. This involves defining appropriate adjacency operators, studying their properties such as commutativity and describing their joint spectrum.