

CCSU  
DEPARTMENT OF MATHEMATICAL SCIENCES

# COLLOQUIUM

Friday, February 19  
2:00 – 3:00 PM  
Maria Sanford, Room 101

## MINIMALLY ALMOST PERIODIC GROUPS

FRANKLIN GOULD

CENTRAL CONNECTICUT STATE UNIVERSITY

**Abstract:** A topological group is a group which also has a compatible topology, that is, a topology in which the group operations are continuous. Compact groups are probably the best understood topological groups. This talk explores the opposite extreme: topological groups for which there exists only one continuous homomorphism to any compact group, namely the trivial homomorphism, which maps the whole group to the identity element. These are known as "minimally almost periodic groups", for reason which will be explained. We will look at some old and new examples, and describe some unsolved questions which have arisen.

**For further information:**  
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