

THE MATHEMATICS DEPARTMENT PRESENTS

# A MATHEMATICS COLLOQUIUM

THURSDAY, October 22, 2008

BOND HALL 401

4:00 pm

**Title: What is a paraproduct?**

**Speaker: Árpád Bényi**, Western Washington University

**Abstract:** Abstract: The aim of the talk is to introduce the idea of paraproduct and some of its uses in analysis to a general audience. I will also report on a recent joint work with Diego Maldonado (Kansas State University), Andrea Nahmod (University of Massachusetts) and Rodolfo Torres (University of Kansas) that makes a nice connection to bilinear Calderón-Zygmund theory.

Refreshments will precede the talk at 3:30pm in Bond Hall 300.