

# Combinatorics Seminar

Wednesday, Feb. 11, 2004

3:00 pm in Hume 331

**Dr. Klas Markström**

Department of Mathematics

Umea University

and

Department of Mathematics

The University of Mississippi

## **An Introduction to Cycle Double Cover Conjecture**

### **ABSTRACT**

In this talk I will introduce the cycle double cover conjecture. The conjecture claims that in any 2-connected graph  $G$  one can find a collection of cycles such that each edge is contained in exactly two of these cycles. I will review some of the known results on this conjecture and some of the many related conjectures.