



McMaster University



University of Toronto



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THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES

COLLOQUIUM IN DYNAMICAL SYSTEMS

SPEAKER:

MARY SILBER
Department of Applied Mechanics
California Institute of Technology

On the Topic:

"Symmetry Induced Heteroclinic Cycles in Models of Rotating Convection"

I will describe some structurally stable heteroclinic cycles that arise in low dimensional modeling of the onset of convection in a rotating fluid layer. I will focus on the crucial role played by symmetry in the formation of these cycles, and on their physical manifestation.

Wednesday, November 18, 1992 at 3:30pm, room 3018

at

The Fields Institute