



THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES

**POSTDOCTORAL/GRADUATE STUDENT
SEMINAR SERIES ON L-FUNCTIONS**

SPEAKER:

MAGDY ASSEM
University of Toronto and
The Fields Institute

On the Topic:

Unipotent Orbital Integrals on P-adic Groups

Orbital integrals on reductive groups defined over local fields are fundamental objects in the study of harmonic analysis on such groups and in the application of the Arthur-Selberg trace formula to automorphic representations. When the defining field is p-adic, a general orbital integral is influenced by unipotent orbital integrals. In this talk we shall survey what is known about unipotent orbital integrals on p-adic groups.

Thursday, November 11, 1993

3:30 pm, Room 3018

at

The Fields Institute