



McMaster University



University of Toronto



University of Waterloo

THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES

DIRECTOR'S SEMINAR

SPEAKER:

GÉRARD LAUMON
Centre National de la Recherche Scientifique,
Orsay, France, and University of Toronto

On the Topic:

"Drinfeld Modular Varieties"

By analogy with elliptic curves, Drinfeld invented in the 1970's new objects that he called elliptic modules. Drinfeld modular varieties parametrize elliptic modules in the same way as the classical modular curves parametrize elliptic curves. I would like to review Drinfeld's definition of elliptic modules and their basic properties and I would like to explain some recent developments in this subject.

Monday, March 8, 1993

4:00 pm, room 3018

at

The Fields Institute

Refreshments 3:00 pm, Common Room