



McMaster University



University of Toronto



University of Waterloo

THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES

DIRECTOR'S SEMINAR

SPEAKER:

JAMES W. YORK
University of North Carolina

On the Topic:

"The Role of Quasi-local Gravitational Energy in Statistical Physics"

Quasi-local energy has been defined by using Hamiltonian methods and the geometry of spatially bounded regions of spacetime (Phys. Rev. D47, 1407 (1993)). The derivation of this quantity and applications to calculating the entropy of black holes and their radiation fields will be described.

Monday, May 10, 1993

4:00 pm, room 3018

at

The Fields Institute

Refreshments at 3:00 pm, Common Room