

McMaster University





University of Waterloo

THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES

DIRECTOR'S SEMINAR

SPEAKER:

JACQUES HURTUBISE McGill University

On the Topic:

"Labelled Particles, Rational Maos, and the proof of the Atiyah-Jones Conjecture"

The moduli spaces of instantons and the moduli spaces of holomorphic maps of Riemann surfaces into certain manifolds have several points in common. A first is that they are realized as minima of natural action functionals. A second is that they are indexed by a topological degree, or charge, and as one increases this charge the topology of these moduli spaces tends to mirror that of the function space in which they live. A survey will be given of this type of result.

Monday, February 1, 1993

4:00 pm, room 3018

at

The Fields Institute

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