

McMaster University





University of Waterloo

THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES

DIRECTOR'S SEMINAR

SPEAKER:

SERGEY PRISHEPIONOK Portland State University

On the Topic:

"Group Drift in Hamiltonian Systems"

Let G be a Lie Group acting on a symplectic manifold (M,ω) as a symmetry group of a Hamiltonian system with the Hamiltonian H. We study the group drift - "average" motion along the G-orbits with asymptotically constant velocity which appears over the domains of ergodic motion of reduced system.

Monday, April 5, 1993

4:00 pm, room 3018

at

The Fields Institute

Refreshments at 3:00 pm, Common Room

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