



THE FIELDS INSTITUTE FOR  
RESEARCH IN MATHEMATICAL SCIENCES

**SIMMER**

The University of Toronto  
Mathematics Network



*The Fields Institute of Research in Mathematical Sciences  
and*

*The University of Toronto Mathematics Network*

Announce

A Dinner and Workshop on

## **"Gambling Games and Random Walks"**

presented by

**Prof. Jeffrey Rosenthal**

**(Mathematics/Statistics, University of Toronto)**

**Tuesday, April 10, 2001, 6:00 - 9:00 p. m.**

**at the Fields Institute**

Imagine repeatedly making \$1 bets, until you either lose all your money or get sufficiently rich. Or, imagine a frog randomly jumping from lily pad to lily pad according to certain rules. Such processes correspond to "random walks". We will discuss how to identify such processes, and how to calculate various probabilities associated with them.

### **Directions to the Fields Institute**

The Fields Institute (222 College Street, Toronto) is located along the southern border of the University of Toronto's St. George (downtown) campus, on the north side of College Street just west of St. George Street. The building is three blocks west of the Queen's Park subway station. Parking is available in a pay lot located across the street (College St.), or underground at the Clarke Institute, one block west of the Fields Institute (entry from Spadina Ave., just north of College). Parking behind the Fields Institute is NO longer available.

<b>Cost:</b>	\$7 for teachers \$5 for students	for a light supper (to be collected on the day of the SIMMER meeting) (teachers are invited to bring/send their brightest students)
<b>RSVP</b>	Tel.: (416) 978-3472 OR online at:	Fax: (416) 978-4107 E-mail: mathnet@math.utoronto.ca <b><a href="http://www.math.utoronto.ca/mathnet/simmer/">http://www.math.utoronto.ca/mathnet/simmer/</a></b> (this site also has the complete set of ALL SIMMER NOTES)