THE FIELDS INSTITUTE FOR
RESEARCH IN MATHEMATICAL SCIENCES

SIMMER

The University of Toronto
Mathematics Network

VELUT ARBOR ÆVO

The Fields Institute of Research in Mathematical Sciences
and
The University of Toronto Mathematics Network

Announce

A Dinner and Workshop on

"What Does Empty space look like?"

presented by

Kiumars Kaveh, Eugenia Soprounova and Ivan Soprounov
(Mathematics, University of Toronto)

Wednesday, May 2, 2001, 6:00 - 9:00 p. m.
at the Fields Institute

An intuitive approach to geometry and topology of manifolds…

Imagine a two dimensional ant living on the surface of a big ball so that she has no idea of the surrounding three-dimensional space. As she is small, she may think that her world looks like a flat infinite piece of paper. She would also have no perception of the curvature of her world. Though, if the ant has enough facilities and patience to paint the ball, she would realize that she is living in a bounded world since she can finish painting in a finite amount of time and using a finite amount of paint.

Well, in the eyes of four-dimensional creatures, we may be in a similar situation as the little ant…

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.

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