Dynamic Geometry and Algebraic Physics - An Interdisciplinary Conference on Physics, Art and Mathematics.

Schedule
Monday, March 31, 2003 -- Room 318 in Douglas Hall
10:00AM Lou Kauffman - Knots and Physics
11:00 - 1:00PM: CAVE ELECTRONIC VISUALIZATION DEMOS at evl laboratory UIC.
2:00PM Nat Friedman - Seifert Soap Film Minimal Surfaces for Knots
3:00PM Lou Kauffman - Lie Algebras in Knots

Tuesday, April 1, 2003 -- Room 318 in Douglas Hall
10:00AM Lou Kauffman - Algebraic Physics I
11:00AM Ben Nicholson and Saori Hisano - Labyrinths and Meanders
3:00PM Dave Radford - Root Systems

Wednesday April 2, 2003 -- Room 318 in Douglas Hall
10:00AM Lou Kauffman - Algebraic Physics II
11:00AM Bob Gray and Lynnclaire Dennis - Polyhedral Dynamics
3:00PM Lou Kauffman - Algebraic Physics III
4:00PM Ron Resch - TBA

Thursday, April 3, 2003
10:00AM Pierre Cartier - TBA -- Room 304 Stevenson Hall
11:00AM Shea Zellweger - Iconic Logic and Geometry II -- Room 304 Stevenson Hall
2:30PM Hugh Matlock - Search for Unification -- Room 316 Stevenson Hall
3:30PM Bil Becker - Dynamic 3-Space Models as Algebraic Precursors -- Room 316 Stevenson Hall

Friday, April 4, 2003 -- Room 318 in Douglas Hall
10:00AM Shea Zellweger - Iconic Logic and Geometry II
11:00AM Lynnclaire Dennis - Commentary

Conference Theme
Geometry, topology and physics.
We are particularly interested in the interface between palpable three dimensional geometry and topology and more abstract and algebraic approaches to physics.
General Information
For information about the UIC campus, use http://www.uic.edu/index.html/

On Monday we will have
CAVE (virtual reality) demos available from 11 to 1 at the Electronic Visualization Laboratory at UIC.

The conference will be held in Room 318 in Douglas Hall at UIC on Mon, Tues, Wed and Friday.
On Thursday we will meet in Room 304 Stevenson Hall in the morning (9 to 12) and in Room 316 Stevenson Hall in the afternoon (2 to 5).

Kauffman telephone numbers are
(312) 996-3066 (office)
(312) 996-3041 (secretary)
(773) 363-5115 (home)

Travel
If travelling, you will probably fly to Ohare Airport, and then can take the train from the airport into central Chicago and get off at the University of Illinois, Halsted street stop to get to UIC. My office is 533 SEO in the tower building (smaller of the two towers on campus) at corner of Taylor Street and Morgan Street (851 South Morgan).

There are various possibilities for hotels. The nearest one is the Midtown Plaza (formerly Quality Inn) on Halsted Street, just north of UIC in Greektown. Their number is
(312) 829-5000.

To get the train from the airport, follow the signs to the CTA trains. You will have no problem as there is only one way to leave O'Hare by the CTA train. See <http://www.transitchicago.com/maps/rail/rail.html>. It is walking distance (about three blocks north along Halsted street) from the train exit to the Mid-Town Plaza hotel.